Curriculum Vitae

**Matthew Linley Anderson, MD, PhD, FACOG**

Department of Obstetrics & Gynecology

University of South Florida

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| **ADDRESSES:** |  |
|  |   Department of Obstetrics & Gynecology 12901 Bruce B. Downs Blvd, MDC2040A Tampa, FL 33612 Phone: (813) 974-1806 Email: mlander5@usf.edu Tampa General Hospital Cancer Center 2 Tampa General Circle Tampa, FL Phone: 813-259-8527 |  |
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| **DATE OF BIRTH:**August 21, 1965**CITIZENSHIP:** |  |
|  |  United States of America |  |
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| **EDUCATION:** |  |
|  | Doctor of Philosophy (PhD) **Yale University**, New Haven, CT  Dissertation Title: “Cholecystokinin induces a novel form of  activated PKC-alpha in pancreatic beta cells” Mentor: Howard Rasmussen, MD, PhDDoctor of Medicine (M.D) **Yale University**, New Haven, CT | 19951995 |
|  | Master of Philosophy/Master of Science (M.S., M.Ph.) **Yale University**, New Haven, CT *Degrees Awarded with Academic Distinction* | 1992 |
|  | Bachelor of Science (B.S., Cell Biology), Summa cum Laude **University of Miami**, Coral Gables, FL | 1986 |
| **ACADEMIC APPOINTMENTS****Current Faculty Position(s):** *Primary Appointments*Professor (Tenured)Department of Obstetrics & GynecologyUSF Morsani College of Medicine, Tampa, FLAssociate Director for Shared ResourcesTampa General Hospital Cancer Institute*Adjunct Appointments*Collaborative Member, Cancer Biology and Evolution ProgramH. Lee Moffitt Cancer Center and Research Institute**Previous Faculty Position(s):** *Primary Appointments*Associate Professor (Tenured)Department of Obstetrics & GynecologyUSF Morsani College of Medicine, Tampa, FLAssociate Professor (Tenured)Department of Obstetrics and Gynecology, Baylor College of Medicine, Houston, TXAssistant Professor (Tenure Track), Department of Obstetrics and Gynecology, Baylor College of Medicine, Houston, TXAssistant Professor (Non-Tenure Track)Department of Obstetrics & Gynecology, Baylor College of Medicine, Houston, TXInstructor, Department of Gynecologic OncologyThe University of Texas M.D. Anderson Cancer Center*Secondary Appointments*Assistant Professor, Program in Translational Biology & Molecular MedicineBaylor College of Medicine, Houston, TXAssistant Professor, Department of Pathology & Immunology,Baylor College of Medicine, Houston, TX*Center Appointments*Center for Reproductive Medicine (CRM)Baylor College of MedicineInstitute for Clinical and Translational Research (ICTR)Baylor College of MedicineFull Member, Cancer Biology Program, Dan L. Duncan Cancer CenterBaylor College of Medicine*Adjunct Appointments*Adjunct Assistant ProfessorDepartment of Biology and BiochemistryUniversity of Houston, Houston, TXAdjunct Assistant Professor, Department of Gynecologic Oncology,University of Texas M. D. Anderson Cancer Center, Houston, TX**POST GRADUATE TRAINING** | 2021 - current2021 - current 2019 - current2018- 20212016-20182009-20162002-20091999-20022010-20182003-20182013-20182013-20182006-20182011-20132002-2008 |
|  | Fellowship Subspecialty: **Gynecologic Oncology**Institution: The University of Texas M.D. Anderson Cancer Center,  1515 Holcombe Boulevard, Houston, TX 77030Program Director: Diane Bodurka, MD  | 1999-2002 |
|  | Residency Specialty: **Obstetrics & Gynecology**Institution: Yale-New Haven Hospital, 20 York Street, New Haven,  CT 06510Program Director: Ray Bahado-Singh, MD, MBA | 1995-1999 |
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|  | Other Advanced Training ExperienceDavinci Robotic Surgery Certification, Intuitive, Inc. Board CertificationObstetrics and Gynecology (MOC Current through 12/31/20)Gynecologic Oncology (MOC Current through 12/31/20)Medical LicensureFlorida – ME137699, issued 8/23/2018. Valid through 1/31/2021 Texas – K9716, issued 5/19/2000. Valid through 2/28/2022 | 201901/2006-04/2012 |
| **AWARDS, HONORS AND HONORARY SOCIETY MEMBERSHIP** |  |
|  | AcademicSemi-Finalist, National Merit ScholarshipHenry King Stanford Scholarship, University of MiamiAid Association for Lutherans (Thrivent) Academic ScholarshipDean’s List, College of Arts and Sciences, University of MiamiPhi Beta Kappa Honor SocietyPhi Eta Sigma Honor SocietyAnatomy Prize, University of Miami School of MedicineGammage Medical Scholarship, University of Miami School of MedicineSpecial Honors in Physiology/Biophysics, University of Miami School of MedicineHHMI Predoctoral Fellowship (Ranked first of 40 recipients out of 2,209 candidates)M.S. Awarded with Academic Distinction, Yale UniversityAmerican Association of Obstetrics and Gynecology Foundation (AAOGF)  Presidential Travel AwardElected Member, American Gynecologic & Obstetrical SocietyElected Faculty Member, Alpha Omega Alpha Medical Honor SocietyResearchAmerican Heart Association Research FellowshipNIH Summer Research FellowshipHHMI-NIH Research Scholar, Howard Hughes Medical InstituteMedical Scientist Training Program Fellowship, Yale UniversityWyeth-Ayerst Research AwardClinical Research Award, U.T. M.D. Anderson Cancer CenterResearch Fellowship, Building Interdisciplinary Careers in Women’s Health  Program (Funded by K award to Baylor College of Medicine, J. Simpson, PI)AAOGF Fellowship (Awarded, But Declined)Eli Lilly Award in Ovarian Cancer Research, Women’s Cancer FoundationFinalist, Clinical Scientist Development Award, Doris Duke FoundationPresidential Plenary Presentation, Society for Gynecologic InvestigationBest Basic Science Presentation, Society of Gynecologic OncologistsBasic Science Poster Award, Society of Gynecologic OncologistsHonorable Mention, Hearst Prize for Excellence in Population Health (with M.  Jibaja-Weiss on behalf of BCM)ClinicalAcademic Chief Resident, Obstetrics & Gynecology, Yale-New Haven HospitalFirst Physician of the Quarter, Ben Taub General HospitalFellow, American College of Obstetrics and GynecologyAward for Excellence in Patient Care, Department of Obstetrics &Gynecology, Baylor College of Medicine Full Member, Society for Gynecologic OncologyExternal Advisory Board, UTMDACC Department of Sarcoma MedicineTop Doctor, Houstonia MagazineGynecology “Bragging Rights,” Ben Taub General HospitalTexas Super Doctor, Texas Monthly MagazineTampa Doctors of the Year, TampaStyle MagazineTeaching & EducationMedical Student Education Award, Obstetrics & Gynecology, Baylor College of Medicine (BCM)Certificate of Teaching Appreciation, Obstetrics & Gynecology, BCMInaugural Resident Research Mentor of the Year, Obstetrics & Gynecology, BCM Fulbright & Jaworksi Faculty Award for Excellence in Teaching & EvaluationAcademy of Distinguished Educators, Baylor College of MedicineResearch Mentor of the Year, Obstetrics & Gynecology, Baylor College of MedicineResident Research Mentor Award, Obstetrics & Gynecology, Baylor College of  Medicine | 19831983-19851983-19851983-19851984198519851985-198719861989-19931992201320202020198619861987-19891993-1995199919992005-200720032004200520072010201120171994-199520052006201120132013-201820172018201820202004201220142015201620172017 |
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| **Other Non-Academic Leadership Positions**Medical Director, Office of Clinical Research Tampa General Hospital, Tampa, FLBoard of Directors, Sarcoma Alliance, Marin, CAPresident and Chief Executive Officer, Agenetx, LLC, Board of Directors, Newton-Foster Home Health Agency  | 2019-current2012-20142011-20171996-2000 |
| **TEACHING** |  |
|  | **Didactic Teaching & Lectures***Courses Taught at University of South Florida Morsani College of Medicine within Primary Department*Introduction to Regulatory Management of Human Subjects ResearchResident/Fellow Research Boot Camp, (~20 learners session; 1 session/yr)Management of Adnexal Masses (~ 15 learners session/1 session/yr)*Courses Previously Taught at Baylor College of Medicine within Primary Department* Medical Student Core Clerkship Lecture. Two 1 hour lectures/rotation for 6 rotations/year, ~20 learners/session. Didactic Lectures. Four 1 hour lectures with 2-4 hours prep/year; ~40 learners/session.CREOG Lectures. Two 1 hour lectures with 3-5 hours prep/year; ~40 learners/session*Courses Previously Taught at Baylor College of Medicine outside Primary Department*Translational Cancer Biology Course, Graduate School of Biologic Sciences One 2-hour lecture/discussion, co-led with M.Y. Williams-Brown, MD, MPHWomen’s Health Physician’s Assistant Program, BCM School of Allied Health; One 1 hour lecture/year, ~30 learners/sessionResident Lecture Series, Department of Radiation Oncology; One 1 hour lecture/year; ~10 learners/session*Courses Taught at Other Institutions*Cancer Biology, Department of Biology, Rice University; One 1 hour lecture with 5 hours of prep/year, ~100 learners/sessionChemotherapeutics, College of Pharmacy, University of Houston; One 1 hour lecture with 6-8 hours of prep/year, ~125 learners/session **Curriculum Development** Coordinator, Oncology Learning Society, Department of OB/GYN, Baylor College of Medicine One 5 hour session/quarter; ~12 learners/sessionStructured CME Learning Modules in Ovarian Cancer, Merck, Inc.Cervical Cancer Education Program, American College of Physicians**Non-Didactic Teaching***Medical Student and Resident Training at University of South Florida Morsani College of Medicine***Tampa General Hospital:**  ~20 hours/week*Operative Surgical Training of Residents, Fellows and Medical Students (including inpatient consultations, perioperative management and postoperative ward rounds)* **Tampa General Hospital:**  ~20 hours/week*Medical Student and Resident Clinical Training at Baylor College of Medicine* Operative Surgical Training of Residents, Fellows and Medical Students including intraoperative skills, inpatient consultations, perioperative management and postoperative ward rounds, 3 residents per month /12 rotations/year). Hourly commitments to teach vary per institution and year  **Ben Taub General Hospital**: 40-50 hours/month  20-25 hours/month  **Saint Luke’s Episcopal Hospital:**  ~8 hours/monthOutpatient Clinical Management of Gynecologic Cancers (OBGYN Residents, BCM Medical Students, Visiting Elective Medical Students, Medical Oncology Fellows and/or University of Houston College of Pharmacy Graduate Students 5-10 learners/session, 3 sessions weekly throughout the year) **Ben Taub General Hospital/Smith Clinic:** ~35 hours/month ~15 hours/monthSimulated Surgical Skills Lab (1 hour/week for 6 weeks/annually)Clinical Resident Advisor, Department of Obstetrics & Gynecology  Gillian Hsieh, MD Jennifer Stanley, MD**Prior Clinical Fellow Training at Other Institutions**Operative Surgical Training, Gynecologic Oncology Fellow (UTMB/Houston Methodist Hospital) 2 residents per monthly rotation, 2-4 hrs/rotation, 12 rotations/yearOperative Surgical Training, Pediatric Gynecology and Minimally Invasive Surgical Fellowships, Baylor College of Medicine (~5 hrs/ year, 1 learner/fellowship)**Other Laboratory/Research Mentorship***High School Students*Sarah Garcia, BCM Saturday Morning Science Summer Research Program. Amanda Knox, BCM Center for Reproductive Medicine Summer StudentAndrew Park, DeBakey High School for Health Professions, One manuscript in preparation as co-author. *Undergraduate/Postbaccalaureate Students*Cynthia Chin, MS Undergraduate Student, Rice University; Two abstracts published. Graduate School: University of Wisconsin, Current: Research Scientist, Hologic, Inc.Diana Keselman, MD Undergraduate Student, Rice UniversityMFM Fellow, Department of Obstetrics & Gynecology, Baylor College of Medicine. Current: Assistant Professor, University of Texas Health Science Center at Houston.Mahjabeen Khan, MD Undergraduate Student, University of Houston; Previous: University of Texas School of Public Health and then. Medical Student: Ross University School of Medicine. Four abstracts and one manuscript published; Lalor Foundation Prize, Keystone Symposia. Current: Resident, Department of Family Medicine, LSU Health Sciences Center, Shreveport, LA. Amy Pham, MD, Undergraduate Student, University of Houston Previous: UT Southwestern School of Medicine; Current: Resident, Department of Radiation Oncology, Baylor College of Medicine.Emuejevoke Olokpa, Ph.D., BCM SMART Program Trainee. Three abstracts and one manuscript published. Finalist, Cancer Biology, Dan L. Duncan Cancer Center Annual Symposium 2009; Graduate Student, Biochemistry and Cancer Biology, Meharry Medical College. Current: Postdoctoral Fellow: Baylor College of MedicineOlivia Dziadzek, MD. Undergraduate Student, University of HoustonFour abstracts and one manuscript published; Private Practice, Obstetrics & Gynecology, Houston, TX.Dominica Rohozinski, PhD Undergraduate Student, University of Washington; Current: Doctoral Candidate, Program in Plant Biology, University of California, Berkeley.Roy Emanuel, MD, PhD Undergraduate Student, University of Houston; Medical Scientist Training Program, Washington. Univ. St. Louis. Current: Resident, Barnes HospitalPankti Gala, B.S., BCM SMART Student, Undergraduate at Illinois Institute of Technology. Current: Doctoral Candidate, Department of Biology & Biochemistry. Joy Akinfenwe, Ph.D., BCM SMART Program Trainee; Previous: Undergraduate, University of Houston; Two abstracts, one manuscript as SMART student; Graduate Student in TBMM at Baylor College of Medicine. Current: Science Writer, Houston Methodist HospitalThomas Magliaro, M.S, Tulane University; Two abstracts and one manuscript published. Current: Medical student, Texas A&M College of Medicine.Jonathan Newsome, University of Saint Thomas. Shadowing experience on PAMS medical mission trip to Chincha, Peru. Current: Medical Student, University of Texas Houston Health Science CenterSarah Linesch, Undergraduate Student, Notre Dame University; One manuscript and two abstracts published.Benjamin Herr, Undergraduate Student, University of South Florida*Medical Students*Diana Herrera, Medical Student, Baylor College of Medicine Roxana Fatimezadeh, Medical Student, Baylor College of MedicineBeth Zhou, Medical Student, Baylor College of MedicineYiwen Cui, MD., Medical Student, Baylor College of Medicine; Three abstracts, one manuscript published, three manuscripts in preparation working with me. Current: MFM Fellow, Department of OB/GYN, Medical College of WisconsinAndrew M. MacDonald, B.S., Medical Student, University of Texas Health Science Center. Three abstracts, one manuscript published; one manuscript in revision. Margaret G. Taylor, B.S., Medical Student, Baylor College of Medicine, Two manuscripts in preparation working with me. Alison Yoder, M.D., Medical Student, Baylor College of Medicine, Three manuscripts published; three in preparation, > 5 abstracts published. Current: Resident, Department of Radiation Oncology, U.T.M.D. Anderson Cancer CenterLara Alexander, Medical Student -2, USF Morsani College of MedicineAli Wells, Medical Student-4, USF Morsani College of MedicineJody Wells, Medical Student-1, USF Morsani College of MedicineLauren Karnolt, Medical Student-4, USF Morsani College of Medicine*Residents*Hany Ahmed, M.D. OB-GYN Resident, BCM. Current: Private practice, Houston, TXLiz Han, M.D., OB-GYN Resident, BCM. Mentored for research project on surgical management of ovarian cancer conducted in China as part of Fulbright Award (Acknowledged in published manuscript); Fellowship. The University of Texas M.D. Anderson Cancer Center; Previous: Assistant Professor, The University of Texas Southwestern School of Medicine. Current: Private Practice, Gynecologic Oncology, Kaiser-Permanente, San Francisco, CA. Israel Zighelboim, M.D., OB-GYN Resident, BCM. One abstract published with me while at BCM; Fellowship: Washington Univ. St. Louis; Previous: Assistant Professor (GYN ONC), Washington University in St. Louis; >80 publications. Recipient of R21 grant from NIH. Current: Chair, Department of OB-GYN, St. Luke’s Medical System, Allentown, PA.Shannon Hawkins, M.D., Ph.D., OB-GYN Resident, BCMPrevious: Assistant Professor (OB-GYN), Baylor College of Medicine; Four manuscripts and multiple abstracts published (1st place: Resident Research Day, BCM; Pritchard Prize for Resident Research, Texas Association of Obstetricians and Gynecologists (TAOG), Recipient of Liz Tilberis Ovarian Cancer Research grant from Ovarian Cancer Research Fund. Current: Associate Professor, Indiana University School of Medicine.Rebecca Woo, M.D., MPH. OB-GYN Resident, BCM. (2nd Place Prize, Resident Research Day). Current: Department of Psychiatry, Georgia Regents University.Kathleen Herway, M.D., OB-GYN Resident, Previous: Postdoctoral Fellowship: Weill Cornell Medical College; Fellowship: Division of Maternal Fetal Medicine, University of Arizona: Current: Assistant Director, Maternal Fetal Medicine, Staten Island University Hospital.Meaghan Tenney, M.D., OB-GYN Resident, BCM. One abstract. Fellowship: University of Oklahoma School of Medicine; formerly Assistant Professor (GYN ONC), University of Chicago School of Medicine >8 years. Current: Private Practice, Atlanta, GACelestine Tung, M.D., OB-GYN Resident, BCM. One publication Fellowship: The University of Texas M.D. Anderson Cancer Center; Current: Assistant Professor (GYN ONC) and Associate Residency Director, Baylor College of Medicine. Janos Tanyi, M.D., OB-GYN Resident, BCM. Two publications from projects with me as a resident. Fellowship: University of Pennsylvania School of Medicine. Current: Assistant Professor (GYN ONC) and Leader of Ovarian Cancer Immunotherapy Program, University of Pennsylvania School of Medicine. Active grant-funded researcher in immunotherapy. Jennifer Burzawa, M.D., OB-GYN Resident, BCM. One publication collaborating with my laboratory. Fellowship: The University of Texas M.D. Anderson Cancer Center. Current: Assistant Professor (GYN ONC), University of Washington Hutchison Cancer Center.Saketh Guntupalli, M.D., OB-GYN Resident, BCM. 2nd place prize at BCM Resident Research Day, 2008; Paper published from research project started in my lab has been cited >100 times Fellowship: Washington University St. Louis; Current: Associate Professor, Director of GYN ONC and Vice-Chair, Quality, University of Colorado Anschutz School of Medicine. Recipient of multiple industry sponsored research grants.Nonna Kolomeyevskaya, M.D., OB-GYN Resident, BCM. 2nd Place, Resident Research Day, BCM. Two publications Current: GYN Oncology Fellowship, Roswell Park Cancer Center. Current: Private Practice, RWJ/Barnabas Health System, Wall, NJBehrouz Zand, M.D., OB-GYN Resident, BCM. One collaborative manuscript. Fellowship: The University of Texas M.D. Anderson Cancer Center. Current: Assistant Professor (GYN ONC), The University of Texas M.D. Anderson Cancer Center.Yanett Anaya, M.D., OB-GYN Resident, BCM. One manuscript in preparation in collaboration with S. Hawkins, MD; Fellow, Division of Reproductive Endocrinology, University of California, San Francisco. Current: Private Practice, Houston, TX.Marianne Peck, M.D., OB-GYN Resident, BCM. One manuscript submitted. Post-residency: Gynecologic Surgery Fellowship, G. Fromm, MD, Houston, TX; Current: Private Practice, Kingwood, TX.Gillian Hsieh, M.D., OB-GYN Resident, BCM. Two manuscripts and three abstracts published; one manuscript submitted. Featured Poster, 2014 Annual SGO Meeting; First Prize, BCM Resident Research Day. Fellow, Gynecologic Oncology, Stanford University/University of California, San Francisco. Current: Faculty, Palo Alto Foundation, CA.Anna Biernacka, M.D., Pathology Resident, BCM. One abstract published and one manuscript in preparation. Fellow, Department of Pathology, The University of Texas M.D. Anderson Cancer Center. Current: Assistant Professor, University of Chicago.Brittany Van Beek, D.O. OB-GYN Resident, BCM. Collaboratively mentoring with R. Masand (Pathology)Barrett Lawson, M.D., Pathology Resident, BCM. One abstract submitted. Collaboratively mentoring with R. Masand (Pathology). Current: Private Practice, Akron, OH.Heather Miller, M.D., OB-GYN Resident, BCM. Two manuscripts published. One manuscript in preparation. 1st Place Prize, Texas Gynecologic Surgery Symposium, 2017; 2nd Place, 2017 Resident Research Symposium (BCM); Current: Fellowship (Gynecologic Oncology), University of Southern California Keck School of MedicineJoie Guner, MD, OB-GYN Resident, BCM. One abstract presented. One Manuscript in preparation. 2016 SRI Pfizer President's Presenter (SRI); 1st Place, 2017 Resident Research Symposium (BCM); 2019 SRI Pfizer President’s Presenter Award, Current: Fellow, REI, Baylor College of MedicineMichelle Kuznicki, MD, OB-GYN Resident USF MCOM. Plenary Presentation, 2020 Annual Meeting Society for Gynecologic Oncology. Current: Gyn Oncology Fellow, Cleveland ClinicAngelika Gandhi, MD, OB-GYN Resident, USF Morsani College of MedicineClarissa Lam, MD, OB-GYN Resident, USF Morsani College of Medicine. One Manuscript published. Current: Fellowship (Gynecologic Oncology), Memorial Sloan Kettering Cancer Center, NY, NYBrittany Roberts, MD, OB-GYN Residents, USF Morsani College of Medicine; One manuscript in preparationSayed H. Erfani, MD, OB-GYN Resident, Baylor College of Medicine*Postdoctoral Fellows*WeiWei Shan, Ph.D., Department of Obstetrics & Gynecology, BCM; One publication, three abstracts, including an oral presentation at SGI annual meeting. Current: Research Scientist, Castle Biosciences.Ying-Wooi Wan, Ph.D. Department of Obstetrics & Gynecology, BCM; 8 publications (one highlighted in Nature) and 9 abstracts in 26 months; Co-investigator on 3 funded grants; Manuscript highlighted in Nature. Current: Assistant Professor, Department of Genetics, Baylor College of Medicine.Abayomi Ogunwale, M.D., M.P.H., Department of Obstetrics & Gynecology, BCM. Two manuscripts and four abstracts published; One manuscript in press, two manuscripts in preparation. Current: Fellow, Department of Family Medicine, Duke UniversityYiwen Cui, MD, Department of Obstetrics & Gynecology. BCM. Two manuscripts published; one manuscript submitted; three manuscripts in preparation. Current: MRM Fellow, Dept of OB/GYN, Medical College of WisconsinAli Wells, MD, Department of Obstetrics & gynecology, USF. One manuscript submitted; 2 manuscripts in preparation.5 projects ongoing*Clinical Fellows*Gary Fruhman, MD, Genetics Fellow, BCM; Current: MFM Fellow, Department of Obstetrics & Gynecology, St. Louis University.Meaghan Delaney, MD, REI Fellow, BCM. Two abstracts published; three manuscripts in preparation. Featured/Outstanding Abstract, BCM Reproductive Health Symposium; Best Poster Award, Texas Forum for Reproductive Science, 2015. 2016 SRI Pfizer President's Award; Current: Private Practice, Pensacola, FL and Adjunct Faculty, Florida State College of Medicine. Katy Antony, MD, MFM Fellow, BCM. Two abstracts published and one manuscript submitted. Current: Assistant Professor (MFM), Medical College of Wisconsin.Joie Guner, MD, Reproductive Endocrinology Fellow, BCM Department of Obstetrics & Gynecology; Two Abstracts AcceptedAdriane Mallen, MD. Gynecologic Oncology, USF/Moffitt Cancer Center. 10 manuscripts, 11 abstracts, 1 grant awarded, AAOGF Young Investigator Aware Submitted (compares to K award). Current: Assistant Professor, University of MinnesotaAndrea Buras MD, Gynecologic Oncology, USF/Moffitt Cancer Center. Two manuscripts publishedSusan Read, MD. Gynecologic Oncology Fellow, USF. Three abstracts published; one manuscript published, three in preparation. **Graduate Research Training**Graduate Research MentorZhen Li, BS, Doctoral Candidate, Beijing University/Baylor College of Medicine; Two publications. Current: Postdoctoral Fellow, Beijing, China.Zara Dehgani, BS (Masters Candidate, Department of Biology & Biochemistry, University of Houston; One abstract; Current: Doctoral Candidate, Department of Biology & Biochemistry, Univ. HoustonJong Kim, BS, (Master Candidate, Department of Biology, University of Houston – Clearlake); Two publications and 4 abstracts; Current: Graduate Student, Department of Biology & Biochemistry, University of HoustonHolli Loomans, BS. (MPH Candidate, University of Texas School of Public Health; PhD (Cell biology), Vanderbilt University. One publication and one abstract. Current: Postdoctoral Fellowship, NCI.Triparna Ghosh-Choudhury, B.S., (PhD Candidate, Program in Translational Biology and Molecular Medicine, Baylor College of Medicine. Two manuscripts published; two manuscripts in preparation, four abstracts published. 2014 Georgio Pardi Award for Outstanding Young Investigator, Society for Gynecologic Investigation. 3rd Place Prize, TBMM Retreat, 2015 Laura Sheedy, B.A. (MS Candidate), School of Allied Health, Baylor College of Medicine. One manuscript published. Current: Private Practice, Houston, TX**Thesis Committees**Kari Brewer-Savannah, B.S., Graduate School, The University of Texas Health Science Center, Houston and The University of Texas M.D. Anderson Cancer CenterJoy Akinfenwe, B.S., Doctoral Candidate, Translational Biology and Molecular Medicine Program, Baylor College of MedicineNinad Oak, B.S., Doctoral Candidate, Molecular and Human Genetics, Baylor College of Medicine (S. Plon, PhD, Advisor)Michaela Huynh, B.S., Doctoral Candidate, Combined MD/PhD Program, University of Texas Medical Branch (L. Sowers, PhD, Advisor). Julie Tomolonis, B.S., Doctoral Candidate, Translational Biology and Molecular Medicine Program, Baylor College of Medicine **Other Mentoring:**Gynecologic Oncology Rotation, University of Houston College of Pharmacy. Total of 19 Students have completed rotation One manuscript published; two abstracts published, including one that was awarded Best Poster, 2012 Annual Meeting, Association of Hospital System Pharmacists. Average Evaluation of Rotation: 5/5 from 19 submitted evaluations Undergraduate Medical Interest Group Rice UniversitySeminar Leader, National Youth Leadership Forum, Organized and led seminar discussions and Q&A sessions on career paths towards health sciences biannually; ~40 high school students/seminar; Mean rating: 4.75 out of 5.0 (best) | 2019 - 2020-2002-20092002-20112002-20062013-20182012-20142013-20182004-20062004-20062008-20102011-201220132018 - current2018 - current2002-20182003-20112011-20182002-20112011-20182002-20052013-20152015-20162008-20102010-20182014201420152003-200520032007-20092008-20092007-20092007-20092008-20092008-20092009-20102009-20102013-201420142014-201520192012-20142013-20142014-20152014-20162014-20162014-20172017-20192020 –20212020 – 20212021- 2021-2003-20042003-20042004-20052004-20052005-20062005-20072006-20072005-20072006-20082006-20082006-20082008-20112011-20122011-20132011-20132013-20152014-20152015-current2015-20162016-current2016-20182018-20192018-20192019 - 20222019 – 20222020 – 20212010-20122012-current2013-20152015 - current2020 - 20212008-20092012-20152013-20152018 - 2019-20202019 - 20202019 - 20202008-20102009-20112010-20122011-20172012-20152010-20122012-20152013-20182015-20172016-20182016-20182010 - 20172010-20132004-2007 |
| **Lectures by Invitation** (international, national, regional, local) |  |
|  | *National*“*Spectrophotometric characterization of troponin activation states*.” **Eastern Student Research Forum,** Miami, Florida, March 7, 1987.“*Identification of Novel Protein Kinase C Activation States*.” Annual Meeting, **American Society for Biochemistry and Molecular Biology**, San Diego, CA, June 14, 1993.“*The Role of Sustained Protein Kinase C Activation in Insulin Secretion*.” Annual Fellows Retreat, **Howard Hughes Medical Institute**, Bethesda, MD, June, 1993.“*Challenges in Analyzing Complex Immunohistochemical Patterns*.” Department of Statistics, **Yale Universit*y*,** New Haven, CT, March, 1994.“*The role of protein kinase C-alpha in mediating insulin dependent responses in vascular endothelial cells*.” Annual Meeting, **Endocrine Society**, Washington, D.C., June, 1995.“*A Unique Protein Kinase C Activation State in Pancreatic Beta Cells*.” Student Research Symposium, **Yale School of Medicine**, New Haven, CT. June, 1996.“*Gene Therapy for Gynecologic Malignancies*.” Grand Rounds, Department of Obstetrics and Gynecology, **Yale University**, New Haven, CT. May, 1999.“*Characterization of L-plastin expression in tissues relevant to the gene therapy of ovarian cancer*.” **National Gynecologic Oncology Fellows Symposium**, San Diego, CA, March, 2000.“*Identification of cell cycle proteins involved in the induction of replicative senescence*.” Annual Meeting, **Felix Rutledge Society**, Houston, TX, June 15, 2000.“*Outcomes of patients undergoing resection of recurrent uterine leiomyosarcoma*.” **Society of Gynecologic Oncologists**, Miami, FL, March, 2002.“*Sarcomas and Senescence*.” Arizona Cancer Center Grand Rounds, **The University of Arizona Health Science Center**, Tucson, AZ, April 17, 2002.*“Insights into Ovarian Cancer from an Invertebrate Model of Epithelial Invasiveness.”* **Women’s Health Interdisciplinary Research Symposium, National Institutes of Health,** Bethesda, MD. October 4, 2004.“*Using Drosophila to Understand Ovarian Cancer*.” One of four presentations for a plenary mini-symposium on the use of model organisms to understand epithelial carcinogenesis in gynecologic malignancies organized by M.L. Andersonas part of the 52nd Annual Meeting, **Society for Gynecologic Investigation**, Los Angeles, CA, March 26, 2005.*“Dissecting Ovarian Cancer Metastasis.”* Department of Obstetrics and Gynecology, **Oregon Health and Science University**, Portland, OR, September 30, 2005.*“Understanding Ovarian Cancer Metastasis.”* Department of Obstetrics and Gynecology, **Yale University School of Medicine**, New Haven, CT, December 13, 2005.“*Steroid Hormone Signaling in Ovarian Cancer*.” Grand Rounds, Department of Obstetrics and Gynecology. **Emory University School of Medicine**, Atlanta, GA. July 11, 2006.“*Deciphering Steroid Hormones in Ovarian Cancer Metastasis*.” Invited Lecture, Women’s Health Research Program. **Wayne State University School of Medicine,** Detroit, Michigan, June 5, 2006.“*Activation of Retrogene UTP146 in Ovarian Cancer*” Invited Plenary Presentation, 38th Annual Meeting, **Society of Gynecologic Oncologists**. San Diego, CA May 7, 2007.“*Activation of Spermatogenesis-Related Retrogenes in Ovarian Cancer*”. **Society for Gynecologic Investigation.** Presidential Plenary Address, March 15, 2007.“*Activation of Spermatogenesis-Related Retrogenes in Ovarian Cancers*” Invited Lecture, Women’s Health Research Program and Annual Symposium. **Oregon Health Sciences University.** Portland, Oregon, May 17, 2007.*“Novel Genetic Models for Understanding Ovarian Cancer*" Grand Rounds, Department of Obstetrics & Gynecology, **University of Kansas Medical Center**, Kansas City, KS, June 15, 2008"*Use of Next Generation Sequencing to Identify microRNAs Involved in Ovarian Cancer*" **American Association for Advancement of Science Southwestern Area Regional Meeting,** Houston, Texas, April 9, 2010. "*MicroRNAs and Ovarian Cancer*" One of four presentations for a plenary minisymposium organized by M.L. Anderson as part of the 57th Annual Meeting. **Society for Gynecologic Investigation**, Miami Beach, FL. March 25, 2010.“*MicroRNAs and Novel Paradigms for the Origin of Uterine Cancer,*”Invited Lecture, **International Gynecology Society**, Houston, Texas, May 20, 2011."*HPV Genotyping and Cervical Cancer Screening*." Grand Rounds,Department of Obstetrics and Gynecology, **St David's Medical Center**, Austin, Texas, May 10, 2011."*The* *Emerging Role of HPV Genotyping in Clinical Practice*", GrandRounds, Department of Obstetrics & Gynecology, **Peninsula Regional Medical Center**, Salisbury, Maryland, May 17, 2011.“*Molecular Diagnostics for Cancer Screening*” Grand Rounds, Department of Obstetrics and Gynecology, **Michigan State University,** Kalamazoo, MI. September 9, 2011.“*Novel Roles for Non-coding RNAs and RNA Processing in Gynecologic Cancers*.” Grand Rounds, Department of Obstetrics & Gynecology and Mott Center for Reproductive Biology, **Wayne State University School of Medicine,** Detroit, MI, September 18, 2011.“*Integrating HPV Genotyping with Cervical Cancer Screening*” Grand Rounds, Department of Obstetrics & Gynecology, **Michigan State University**, Kalamazoo, MI, October 2, 2011.*“Novel Roles for MicroRNAs in Ovarian Cancer*" Invited Lecture, Cancer Biology Seminar Series, **Roswell Park Cancer Center,** Buffalo, New York, February 28, 2012"*Novel Strategies for Molecular Targeting of Ovarian Cancer*." Grand Rounds, Department of Obstetrics and Gynecology, **Medical College of Wisconsin**, Milwaukee, WI, October 4, 2012.*"Novel Bioinformatic Strategies for Parsing Role of Lin28 Gene Products in Ovarian Cancer*." 2nd Annual Meeting, **Cancer Genome Atlas Consortium**, Arlington, VA, October 24, 2012. "*Parsing Key Drivers for Ovarian Cancer*." Invited Research Seminar, Georgia Cancer Center, **Georgia Regents University**, Augusta, GA, March 5, 2013.“*Update on Uterine Smooth Muscle Tumors*” Inaugural Speaker, Cancer Biology Lecture Series, **University of Connecticut** **Neag Comprehensive Cancer Center**, Farmington, CT. September 20, 2013.“*MicroRNAs in Uterine Plasticity and Sarcomagenesis*” Invited Research Seminar, **University of Maryland Comprehensive Cancer Center,** December 9, 2013.“*MicroRNAs and Novel Pathways Driving Ovarian Cancer Growth and Metastasis*” Invited Research Seminar, **Simon Cancer Center, Indiana University School of Medicine,** April 14, 2015.“*Emerging Strategies for Gynecologic Cancer Prevention*” **American College of Obstetricians and Gynecologists**, Annual Clinical and Scientific Meeting, San Francisco, CA, May 2, 2015. “*Personalized Therapy for Ovarian Cancer: Promise and Pitfalls*” **The Ella T. Grasso Memorial Conference** (Jointly sponsored by Yale University and The University of Connecticut), Hartford, CT, November 11, 2015.“*Novel Strategies for the Prevention of Gynecologic Cancers*” Department of Women’s Health, **The University of Texas Dell School of Medicine**, Austin, TX, September 1, 2016.“*Novel Roles of microRNAs in Ovarian Cancer*” Department of Obstetrics & Gynecology, Albert Einstein College of Medicine, Bronx, NY, July 10, 2016.“*System-based Approaches to Cervical Cancer Prevention*” **Montefiore/ Albert Einstein College of Medicine Cancer Center**, Bronx, NY, September 6, 2016.“*Impact of CPRIT funding on Medically Underserved Texans*” **Texas State Legislature**. Austin, TX, March 30, 2017. “*Personalized Therapy for Ovarian Cancer: Powered by PARP*.” **OVARCOME National Conference**, Houston, Texas, September 29, 2017. “*Progress towards Genetically Targeted Therapies for Ovarian Cancer- Powered by PARP*.” **The Ella T. Grasso Memorial Conference** (Jointly sponsored by Yale University and The University of Connecticut), Hartford, CT, November 15, 2017.“*The Emerging Role of PARP Inhibitors in Ovarian Cancer*” University **of California Davis School of Medicine**, Sacramento, CA, January 8, 2018.“*System-based approaches for Improving Rates of Cervical Cancer Screening*.” **Florida Leadership Summit to Eliminate HPV-related Cancers**, Moffitt Cancer Hospital and Research Institute, Tampa, FL, March 4, 2020.*“Use of PARP inhibitors for treatment of ovarian cancer”* **Targeted Oncology Virtual Case-Based Roundtable.** Tampa, FL June 25, 2020.*International*“*Conditioning-specific Changes in the Distribution of Protein Kinase C in the Rabbit Hippocampus.”*  **European Neuroscience Association/European Brain and Behavior Society,** Zurich, Switzerland, September 4, 1988.“*Long-term Learning Specific Changes in the Distribution of Protein Kinase C in Rabbit Hippocampus*.” **Society for Neuroscience**, Toronto, Canada, November 13, 1988.*“Small Molecule Inhibitors for Polo-Like Kinase-1 (PLK-1) Sensitize Uterine Leiomyosarcoma to Rapamycin.*" 17th Annual Meeting, **Connective Tissue Oncology Society**, Prague, Czech Republic, November 16, 2012."*Update on Cervical Cancer”* **Peruvian American Medical Society**, Chincha, Peru, February 5, 2013.“*Emerging Techniques for Cervical Cancer Screening*” **Peruvian Medical Association**, Joint Annual Meeting, Iquitos, Peru, August 15, 2014. *Local*“*Management of Gynecologic Malignancies in Pregnancy*.” Invited Lecture, Department of Gynecologic Oncology, **The University of Texas****M.D. Anderson Cancer Center,** April, 2000.“*Characterization of L-plastin expression in tissues relevant to gene therapy of ovarian cancer*.” Research Symposium, **The University of Texas****M.D. Anderson Cancer Center**, Houston, TX, April, 2000.“*Ku-80 expression correlates inversely with the onset of replicative senescence*.” Trainee and Fellow Research Symposium, **The University of** **Texas M.D. Anderson Cancer Center**, Houston, TX, April 27, 2001.“*Pelvic Sarcomas*.” Invited Research Lecture, Department of Gynecologic Oncology, **The University of Texas****M.D. Anderson Cancer Center,** Houston, TX,August 8, 2001.“*Outcomes of Patients Undergoing Resection of Recurrent Uterine Leiomyosarcoma*.” Invited Lecture, **Felix Rutledge Society**, Houston, TX, June 8, 2002.“*Sarcomas and Senescence*.” Obstetrics and Gynecology Research Conference, **Baylor College of Medicine**, Houston, TX, October 24, 2002.“*A Molecular Approach to Female Reproductive Malignancies*.” **Rice University**, Houston, TX, February 18, 2003.“*Molecular Pathogenesis of Cervix Cancer*.” Department of Gynecologic Oncology, **The University of Texas M.D. Anderson Cancer Center**, Houston, TX, April 25, 2003.“*A Genetic Model for Understanding Epithelial Invasiveness*.” Plenary Address, Resident Research Day, **Baylor College of Medicine**, Houston, TX, May 9, 2003.“*Novel Approaches to Dissecting Epithelial Invasiveness*.” BIRCWH Seminar Series, **Baylor College of Medicine**, Houston, TX, May 20, 2003.“*Dissecting the Role of AIB-1 in Epithelial Ovarian Cancer*.” Grand Rounds, Department of Obstetrics and Gynecology, **Baylor College of Medicine**, October 29, 2003.“*Genetic Approaches to Understanding Ovarian Cancer*.” **The Partnership for Baylor College of Medicine,** St. Regis, Houston, TX, November 18, 2003.*“A Translational Model for Understanding Ovarian Cancer*.” Director’s Research Initiative, **Baylor Cancer Center**, Houston, TX, November 26, 2003.*“Role of AIB1 in Ovarian Cancer.”*Research Workshop Series, Department of Molecular and Cellular Biology, **Baylor College of Medicine**, Houston, TX, April 8, 2004“*Nitrogen Mustards and Chemoprotectants*.” School of Pharmacy, **University of Houston,** Houston, TX, August 9, 2004.“*Cancers of the Female Reproductive Tract.”* **Rice University,** Houston, TX, February 23, 2005.“*Cervical Dysplasia, HPV, and New Vaccines*.” Community Outreach Program, **Houston Northwest Medical Center**, Houston, TX, December 6, 2005.“*Steroid Hormone Signaling in Ovarian Cancer*.” Interdisciplinary Women’s Health Seminar Series, **Baylor College of Medicine**, Houston, TX, March 3, 2006.“*HPV and Cervical Cancer*” Grand Rounds, Department of Obstetrics and Gynecology, **Baylor College of Medicine.** Houston, TX September 5, 2006.*“HPV, Cervix Cancer and New Immunizations: From Bench to Clinic*” Grand Rounds, Department of Medicine, **Saint Luke’s Episcopal Health System**, Houston, TX. October 23, 2006.“*The Impact of Ethnicity on Access to Hospice*” End-of-Life Care Symposium. **Harris County Hospital District**, Houston, TX January 12, 2007.*“Small RNAs and Uterine Smooth Muscle Tumors.”* Grand Rounds, Department of Obstetrics and Gynecology, **Baylor College of Medicine**, October 29, 2008.*“Update on Cervical Cancer.”* **Harris County Hospital District Clinical Retreat**, January 23, 2009. “*Non-Coding RNAs and Novel Growth-Regulating Pathways in Uterine Smooth Muscle”* Research Seminar Series, Department of Molecular and Cellular Biology, **Baylor College of Medicine,** March 9, 2009.“*Non-coding RNAs and Uterine Smooth Muscle Tumors”* Seminar Series, Department of Sarcoma Biology, **The University of Texas M.D. Anderson Cancer Center,** September 17, 2009*“Update on Ovarian Cancer.”* Grand Rounds, Department of Internal Medicine, **St. Luke’s Episcopal Hospital**, Houston, Texas, September 28, 2009"*Genetic Susceptibility to Ovarian Cancer*" Invited Lecture, **Temple Beth Israel**, Houston, Texas June, 2009“*What do I need to know about ovarian cancer*? Undergraduate Cancer Alliance, **University of Houston**, April 11, 2010.*Revolutionizing Care for Ovarian Cancer*" Invited Lecture for >250 community members, **Partnership for Baylor College of Medicine**, Houston, Texas, September 20, 2010."*Update on HPV and Cervical Cancer*" Grand Rounds, Department of Family Practice, **Baylor College of Medicine**, Houston, Texas, October 20, 2010"*The Genetic Evolution of Cervical Cancer Screening*" Grand Rounds, Department of Obstetrics and Gynecology, **The University of Texas Health Science Center**, Houston, Texas, November 23, 2010. "*Novel Diagnostic and Therapeutic Roles for Small Non-coding RNAs in Ovarian and other Gynecologic Cancers*" Grand Rounds, **Texas Woman's Hospital**, Houston, Texas, January 7, 2011. “*MicroRNAs and* *Ovarian Cancer,”* Invited Lecture for ~50 community members, **Cancer Fighters of Texas**, Houston, Texas,March 21, 2011“*Novel Roles for microRNAs in Gynecologic Cancers*,” Grand Rounds Department of Cancer Biology & Cancer Metastasis Research Center Seminar Series, **The University of Texas** **M. D. Anderson Cancer Center**, Houston, Texas, April 19, 2011."*Managing Ovarian Cancer Risk*." First Annual Hereditary Breast and Ovarian Cancer Conference, **Baylor College of Medicine**, Houston, TX, October 28, 2011."*Update on Cervical Cancer Prevention Efforts*" Cancer Committee Executive Meeting, **Harris County Hospital District,** Houston, Texas, May 14, 2012."*Cervical Cancer and Prostate Cancer Prevention: Contrasting Efficacies*" Invited Lecture, Physician Oncology Education Program, **Texas Medical Association** Houston, TX October 30, 2012."*Recent Insights into Ovarian Cancer*". Invited Lecture, First Annual Cancer Summit, **Saint Luke's Episcopal Health System**, Houston, TX, March 28, 2013."*Management of Uterine Leiomyosarcoma: Emerging Strategies*" Grand Rounds, **Texas Women's Hospital**, Houston, TX, April 5, 2013."*Uterine Smooth Muscle Tumors*" Grand Rounds, Department of Obstetrics and Gynecology, **Texas Children's Hospital Pavilion for Women**, May 1, 2013.“*System-Based Approaches to Improving Rates of Cervical Cancer Screening*” Grand Rounds, Department of Obstetrics & Gynecology, **Texas Children’s Hospital Pavilion for Women.** September 23, 2014.“*Novel Insights into Smooth Muscle Tumorigenesis*” Featured Speaker, **BCM Reproductive Health Science Day**, February 25, 2015.“*Precision Approaches to Ovarian Cancer*” **Dan L. Duncan Cancer Center Symposium**, Houston, TX, November 6, 2015. “*Update on CPRIT-funded Cervical Cancer Prevention Activities*” Grand Rounds, Department of Obstetrics & Gynecology, **Texas Children’s Hospital Pavilion for Women**, Houston, Texas, September 7, 2016.  | 3/19876/19936/19933/19946/19956/19965/19993/20006/20003/20024/200210/20043/20059/200512/20057/20066/20065/20073/20075/20076/20084/20103/20105/20115/20115/20119/20119/201110/20112/201210/201210/20123/20139/201312/20134/20155/201511/20159/20167/20169/20163/20179/201711/20171/20183/20206/20209/198811/198811/20122/20138/20144/20004/20004/20018/20016/200210/20022/20034/20035/20035/200310/200311/200311/20034/20048/20042/200512/20053/20069/200610/20061/200710/20081/20093/20099/20099/20096/20094/20109/201010/201011/20101/20113/20114/201110/20115/201210/20123/20134/20135/20139/20142/201511/20159/2016 |
| **SCHOLARLY ACTIVITY**  |  |
|  | **Grant**s*Active* (8 total)Agency: **National Institute of Allergy and Infectious Disease (NIAID)**Title: Immunophenotyping Assessment in a COVID-19 Cohort (IMPACC) Role: Site PI Total Direct Costs: $315,849 Project Goals: Assess the relationship between COVID19 viral burden and molecularly defined immune signatures to delineate biomarkers of acute disease severity, mortality, the development of durable immunity, and long-term outcomes in survivors.Agency: **U.S. Department of Defense Ovarian Cancer CMRP**Title: Subset of Pre-Existing, Poly-Resistant Cancer Stem Cells in High-Grade  Serous Ovarian CancerRole: Co-Investigator Total Direct Costs: $60,954 at USFProject Goals: 1) Identifying Pre-existing, Poly-Resistant Clones Across Cohort of HGSOC cases. 2) Establish the Epigenetic Basis of Polyresistance within Each Case. 3) Mechanisms Underlying and Therapeutic Targeting of Poly-Resistance.Agency: **National Cancer Institute (NCI**)Title: University of South Florida as a Tissue Source Site for the Clinical Proteomics  Tumor Analysis Consortium (CPTAC).Role: P.I. Total Direct Costs: $250,000 (est)Project Goals: 1) Generate and provide high quality specimens of five specific cancer types along with matched clinical demographics and clinical images that conform to pre-determined criteria; 2) Contribute to relevant CPTAC disease working groups as scientific and medical content expert.Agency: **National Institute of Health Disparities** (NIH)Title: RO1 MD013715: Prospective Evaluation of Self-Sample HPV Testing as  Additive Strategy to Improve Primary Cervical Cancer Screening.Role: Co-I (Relinquished role of co-PI in multi PI trial to join USF)Total Direct Costs: $1,224,663Project Goals: 1) Prospectively determine whether mailed self-sample HPV testing with one-on-one patient education/navigation improves participation in primary cervical cancer screening among women who fail to participate in standard of care strategies. 2) Evaluate the cost-effectiveness of cervical cancer screening strategies for integrated health systems that include self-sample HPV testing for non-attendees Agency: **Tesaro, Inc** Title: NIVIX: A phase I/II study of niraparib with radiotherapy for treatment of  metastatic invasive carcinoma of the cervix.”Role: Co-PITotal Direct Costs: $453,000Project Goals: 1) establish the maximum tolerated dose (MTD) of niraparib when administered concurrently with whole pelvic radiotherapy and b) determine the local (pelvic) control rates for patients with metastatic cervical cancer treated with definitive radiotherapy.Source: **Sutro BioPharma, Inc** Title: STRO-002-GM1 / CIL 43601: A Phase 1 Open-Label, Safety, Pharmacokinetic  and Preliminary Efficacy Study of STRO-002, an anti-Folate Receptor alpha  (FolRα) Antibody Drug Conjugate (ADC), in Patients with Advanced Epithelial  Ovarian Cancer (including Primary Peritoneal Cancers) and Endometrial CancersRole: Site PI Total Direct Costs: PendingProject Goals: Assess the safety, tolerability and preliminary efficacy of a novel antibody drug conjugate targeted the folate receptor in ovarian uterine cancers.Agency: **ImmunoGen, Inc**.Title: IMGN853-0417: A Phase 3, Single Arm Study of Mirvetuximab Soravtansine  in Advanced High-Grade Epithelial Ovarian, Primary Peritoneal, or Fallopian  Tube Cancers with High Folate Receptor-Alpha Expression (SORAYA)Role: Site PITotal Direct Costs: PendingProject Goals: Assess the efficacy of a novel adjacent target platinum resistant ovarian cancers that are enriched for folate receptor as part of a multi-site, single arm phase 3 study.Agency: Caris, Inc.Title: Caris Tissue BiorepositoryRole: Site PITotal Direct Costs: ($500/specimen) Project Goals: 1) Procedure specimens of whole blood from recently diagnosed with advanced stage ovarian and uterine cancers (target enrollment >250 women/year); 2) Abstract and submit matched clinical demographics linked to submitted specimens. *Completed (47 total*)Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: RP170387: Development and Validation of a Network-guided, Multi-objective  Optimization Model for Cancer Data AnalysisRole: Co-PI (Multi-PI Project Format)Total Direct Costs: $889,679Project Goals: 1) Analyze the performance of the proposed Multi-outcome Prediction Algorithm (MPA) on cancer genomics profiles in simulated and pan-cancer datasets. 2) Develop Methods for Network Guided Multi-outcome prediction from heterogeneous genomic and epigenomic data. 3) Validate the ability of MPA to identify functional gene modules determining survival and the response of ovarian cancer to platinum-based chemotherapy.Agency: **National Cancer Institute (NCI)**Title: Baylor College of Medicine as a CPTAC Tissue Source SiteRole: Principal Investigator Total Direct Costs: $189,000Project Goals: Collect and submit high quality specimens of 6 cancer types along with matched, coded clinical demographics to CPTAC consortium. Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: PP160049: Expansion of a Comprehensive Cervical Cancer Screening Program  for Medically Underserved Women in Harris CountyRole: PI Total Direct Costs: $1,500,000Project Goals: Increase the numbers of high risk under- and uninsured women in Harris County screened for cervical cancer and pilot a medical home model for cervical cancer prevention.Agency: **National Cancer Institute (NCI)**Title: Phase I/2 trial of ABT-888, an inhibitor of poly (ADP-Ribose) Poly-merase (PARP) & topotecan (TPT) in patients with solid tumors (Phase 1) and relapse ovarian cancer or primary peritoneal cancer (Phase 2) after prior platinum containing first-line chemotherapyRole: Site PI Project Goals: Assess the safety and efficacy of ABT-888, a novel PARPi, in combination with topotecan for patients with ovarian cancer. Agency: **U.S. Department of Defense Ovarian Cancer CMRP** Title: OC140269: Utilizing Synthetic Lethality to Sensitize Ovarian Cancers to  ChemotherapyRole: co-P.I. Total Direct Costs: $225,000Project Goals: 1) Dissect the role of miR-520h in sensitizing ovarian cancer to chemotherapy; 2) Determine relationship between mesenchymal transition, ovarian cancer self-assembly and patterns of mir-520h regulated gene expression.Agency: **Tesaro, Inc.**Title: A phase I dose escalation and cohort expansion of TSR-042, an anti-PD-1  monoclonal antibody in patients with advanced solid tumorsRole: Site PI Total Direct Cost: $22,952/pt Project Goals: Assess the safety and preliminary efficacy of TSR-042. Agency: **KK125 Foundation**Title: Viral Microbiome and High Risk BRCA MutationsRole: Principal Investigator Total Direct Costs: $50,000Project Goals: 1) Determine whether high risk BRCA1/2 mutations impact the microbiome of the distal human fallopian tube.Agency: **U.S.** **Department of Defense Ovarian Cancer CMRP** Title: OC140330: Viral MicroRNAs in Ovarian Cancer Growth and Metastasis Role: P.I. Total Direct Costs: $225,000Project Goals: 1) Evaluate the clinical significance of additional EBV, HCMV and KSV viral microRNAs; 2) Assess the impact of dysregulated EBV, HCMV, KSV microRNA expression in ovarian cancers.Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: Empowering the Medically Underserved Through a Community Network for  Cancer PreventionRole: Co-Investigator Total Direct Cost: $1,499,234Project Goals: 1) Develop educational outreach to improve rates of cervical and colorectal cancer screening 2) Expand patient navigation systems to improve rates of follow up for abnormal cervical cytology.Agency: **National Science Foundation/National Institute of General Medical**  **Sciences**Title: 1-DMS-1263932: Statistical Methods for Integrated Analyses of High- Throughput Biomedical Data Role: Co-Investigator Total Direct Costs: $438,436Project Goals: Develop statistical tools needed to analyze and mine data for biomarker discovery, delineation of disrupted disease networks.  Agency: **Golfers Against Cancer Foundation**Title: Microbiome of the Distal Human Fallopian TubeRole: P.I. Total Direct Costs: $47,000Project Goals: 1) Define microbiome of distal fallopian tube; 2) Assess impact of ovarian cancer risk factors on fallopian tube microbiomeAgency: **Burroughs Wellcome Foundation**Title: BWF1012536: Progesterone Receptor Function in Gravid Myometrium Role: Co-P.I.Total Direct Costs: $600,000Project Goals: 1) Dissect progesterone regulated pathways in human myometrium 2) Ascertain the role of PR-regulating signaling in premature labor.Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: RP140225: Viral MicroRNAs in Ovarian Cancer Growth and MetastasisRole: P.I. Total Direct Costs: $199,985Project Goals: 1) Assess the clinical relevance of viral microRNA expression in epithelial ovarian cancer. 2) Dissect the mechanisms by which ebv-miR-BART3 and hcmv-miR-UL112 impact ovarian cancer growth and metastasis in vitro and in vivo.Agency: **Computational and Integrative Biomedical Research Center (CIBR)**Title: Network Guided Multi-outcome Models for Cancer GenomicsRole: Co-P.I. Total Direct Costs: $15,000Project Goals: 1) Analyze the performance of NetMomo algorithm on cancer genomics profile in simulated and pan-cancer datasets; 2) Establish that the overexpression of Alk sensitizes ovarian cancers to standard of care platinum chemotherapy in vitro and in vivo.Agency: **Ovarian Cancer Research Foundation (OCRF)**Title: Diagnostic Strategies for Detection of Ovarian Cancer.Role: Co-Program Leader (5% Effort) Total Direct Costs: $846,880Project Goals: 1) Use mouse model for ovarian cancer to identify secreted gene products useful for early detection of ovarian cancer. 2) Dissect patterns of alternative RNA splicing in ovarian cancer. Agency: **National Cancer Institute (NCI)** (P30 Supplement) Title: The Houston HPV InitiativeRole: Co-Investigator Total Direct Costs: $100,000Project Goals: 1) Perform a community survey to assess needs for improving rates of HPV vaccination in pediatric populations.Agency: **National Institute of Genome Research (NIHGR)**Title: HHSN261200800001E: TCGA Clinical Repository Role: P.I. Total Direct Costs: $108,000Project Goals: 1) Collect high quality specimens of gynecologic cancers suitable for TCGA goals 2) Abstract de-identified demographics for submitted specimens.Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: PP120091: Developing a Comprehensive Cervical Cancer Screening Program for High Risk Under- and Uninsured Women in Harris CountyRole: PI Direct Costs: $1,616,212Project Goals: 1) Increase the numbers of high risk under- and uninsured women in Harris County screened for cervical cancer. 2) Pilot a medical home model for cervical cancer prevention.Agency: **Cancer Fighters of Texas Foundation**Title: Targeting MicroRNAs in Ovarian CancerRole: P.I. Total Direct Costs: $75,000Project Goals: 1) Determine whether miR-520h can be used to reverse clinically acquired platinum resistance. 2) Develop novel near infrared labeled microRNA mimics for localizing in vivo microRNA delivery.Agency: **Alkek Foundation**Title: Novel Strategies for Sensitizing Ovarian Cancer to ChemotherapyRole: P.I. Total Direct Costs: $200,000Project Goals: 1) Determine whether miR0529g/h reverse clinically acquired platinum resistance. 2) Assess safety profile tolerability and preliminary efficacy of miR-520g/h loaded nanoparticles.Agency: **March of Dimes**Title: 21#FY13-156: Dissecting the Role of Progesterone Receptor in Preterm Labor Role: Co-Investigator Total Direct Cost: $375,000Project Goals: 1) Dissect genomic binding sites for the progesterone receptor in human myometrium. 2) Examine the role of PR in regulating myometrial growth and development using novel transgenic knockout mouse model. Agency: **Saks Key to a Cure Foundation**Title: MicroRNAs and Uterine SarcomasRole: P.I. Total Direct Costs: $80,000Project Goals: 1) Comprehensively profile microRNA transcriptome of normal myometrium, benign uterine leiomyomas and uterine leiomyosarcomas. 2) Identify key microRNA: mRNA interactions relevant to tumor growth and proliferation.Agency: **Whitaker Foundation**Title: Ovarian Cancer Stem CellsRole: P.I. Total Direct Costs: $100,000Project Goals: 1) Isolate ovarian cancer stem cells. 2) Define molecular signatures that specify differentiation and chemotherapy sensitivity.Agency: **Young Texans Against Cancer Foundation**Title: The Role of Non-Coding RNAs in Ovarian CancerRole: P.I. Total Direct Costs: $100,000Project Goals: 1) Characterize the role of specific non-coding RNAs in ovarian and other gynecologic cancers. 2) Confirm direct biologic interactions between putative microRNA: mRNA pairs.Agency: **Cancer Prevention and Research Institute of Texas (CPRIT)**Title: Novel siRNA/MiRNA-Conjugated Gold Nanoparticles for Sensitizing Cancer Cells to Chemotherapy." Role: Co-PI (8% Effort) Multi-PI Program Grant Total Direct Costs: $191,000Project Goals: 1) Assess the impact of altered expression 19q13.41-OvCa-miR expression on ovarian cancer. 2) Develop non-cytotoxic Interior Functionalized Dendron-conjugated Nanoparticles (NIFD-AuNPs) for intracellular delivery of therapeutic siRNAs, miRNAs, small molecule inhibitors and drugs designed to sensitize tumors to cancer drugs.Agency: **Merck Pharmaceuticals, Inc.**Title: Randomized Phase II Evaluation of Carboplatinum/Paclitaxel with and without  Trastuzumab (HERCEPTIN®) in Her2/Neu+ Patients with Advanced/Recurrent  Uterine Serous Papillary Carcinoma Role: Site PI Direct Cost: $4500/patientProject Goals: 1) Estimate whether the addition of trastuzumab to paclitaxel and carboplatin chemotherapy improves progression free survival (PFS) when compared to paclitaxel and carboplatin alone in USPC patients overexpressing HER2/neu at 3+ level by IHC or positive by FISH.Agency: **Joann Rosenberg Fund for Ovarian Cancer Research** Title: Identification of Novel Mediators of Epithelial InvasivenessRole: P.I. Total Direct Costs: $50,000Project Goals: Dissect the role of AIB1 in ovarian cancer using a reverse genetic screen.Agency: **Gynecologic Cancer Foundation**Title: Dissecting the Role of AIB-1 in Ovarian Epithelial InvasivenessRole: P.I: Total Direct Costs: $25,000Project Goals: 1) Dissect the role of AIB1 in ovarian cancer. 2) Identify gene products mediating its functional impact.Agency: **Dan L. Duncan Cancer Center Seed Funding Competition**Title: A Novel Genetic Model for Ovarian CancerRole: P.I. Total Direct Costs: $25,000Project Goals: Identify novel mechanisms mediating the role of AIB1 in ovarian cancer using a novel forward genetic screen. Agency: **National Institutes of Health/NICHD**Title: Characterization of E6- and E7-Responsive Elements in Cervical EpitheliaType: K-12 Training Grant (BIRCWH) (Simpson, J, PI)Role: Scholar Subaward Direct Costs: $121,000/yrProject Goals: Dissect the role of E6- and E7-regulated patterns of gene expression in cervical cancer pathogenesis.Agency: **Expression Genetics, Inc.**Title: A Phase 1, Open Label, Dose Escalation Study of the Safety, Tolerability and  Preliminary Efficacy of Intraperitoneal EGEN-001 in Patients with Recurrent  Epithelial Ovarian Cancer.Role: Site P.I. Direct Cost: $19,500/patientProject Goals: 1) To establish the safety, tolerability, and efficacy profiles of EGEN-001 alone and in combination with cancer chemotherapeutic drugs in patients with recurrent epithelial ovarian cancer. 2) These studies will examine the biological effects of EGEN-001 on circulating and local cytokine levels by measuring IFN-у, TNF-α, and IL-12.Agency: **Saks Fifth Avenue Key to a Cure Foundation**Title: Spermatogenesis-Related Patterns of Gene Expression in Epithelial Ovarian  CancersRole: P.I. Total Direct Costs: $50,000Project Goals: 1) Identify patterns of retrogene expression in ovarian cancers 2) Compare patterns of retrogene expression to the expression of their X-linked progenitors.Agency: **National Cancer Institute (NCI** Title: RO1CA087751: Molecular Analysis of MetastasisRole: Co-Investigator (7% Effort) (Goode, PI) Total Direct Cost: $1,050,000Project Goals: 1) Order the pathway by which the basolateral junction signals through Wts and Mats (Lats and Mob1a) to activate DAIB1 (AIB1) expression in the nucleus, 2) Establish the molecular mechanisms by which the basolateral junction signals to AIB1/DAIB1, and 3) Establish the importance of the basolateral junction signaling pathway for suppressing human tumor cell invasion. Agency: **Expression Genetics, Inc**.Title: A Phase I, Open-Label, Dose Escalation Study of the Safety and Preliminary  Efficacy of EGEN-001 in Combination with Carboplatin and Docetaxel in  Women with Recurrent, Platinum-Sensitive, Epithelial Ovarian CancerRole: Site P.I. Direct Costs: $26,350/patientProject Goals: 1) Assess the safety and tolerability of EGEN-001 In combination with standard of care chemotherapy for ovarian cancer.Agency: **Nventa Pharmaceuticals, Inc.**Title: A Multicenter, Nonrandomized, Open-label Phase I Safety Study of HSP E7  and Poly-ICLC Administered Concomitantly in Cervical Intraepithelial Neoplasia  (CIN) Subjects Role: P.I. Direct Costs: $26,750/patientProject Goals: Assess the safety and tolerability of HspE7 and Poly-ICLC administered concomitantly.Agency: **Marshall-Edwards, Pty**.Title: A Multi-Center, Randomized, Double-blind, Phase III Efficacy Study Comparing Phenoxodiol in combination with Carboplatin versus Carboplatin with  Placebo in Patients with Platinum-resistant or Platinum-Refractory Late-stage  Epithelial Ovarian, Fallopian or Primary Peritoneal Cancer Following at least  Second Line Platinum Therapy Role: Site P.I. Direct Costs: $23,000/patientProject Goals: Confirm the efficacy and safety of phenoxodiol in combination with carboplatin for the treatment of platinum-resistant or platinum-refractory late-stage epithelial ovarian, fallopian or primary peritoneal cancer.Agency: **Ariad Pharmaceuticals, Inc**.Title: A Pivotal Trial to Determine the Efficacy and Safety of AP23573 When  Administered as Maintenance Therapy to Patients with Metastatic Soft- tissue or  Bone SarcomasRole: Site P.I. Total Direct Costs: $13,767/patientProject Goals: Assess the preliminary efficacy and safety of a novel therapeutic strategy in soft tissue sarcomas.Agency: **Third Wave Technologies, Inc**.Title: A Multi-Center Prospective Clinical Study to Evaluate the Performance and  Clinical Predictive Value of the Invader HPV HR Molecular Assay and Invader  HPV 16 / 18 Molecular Assay for the Detection of Human Papillomavirus in  Cervical Cytology Samples. Role: Site P.I. Direct Cost: $136,000/1st year, $21,300 years 2, 3.Project Goals: 1) Determine the sensitivity, specificity, positive predictive value and negative predictive values of the Invader HR© assay for detecting high risk HPV genotypes 2). Assess the specificity, positive predictive value and negative predictive values of the Invader HR© assay for detecting high grade cervical dysplasia. Agency: **Genentech, Inc.**Title: A Phase II, Multicenter, Randomized, Double-blind, Placebo-controlled Trial  Evaluating the Efficacy and Safety of GDC-0449 as maintenance therapy in  patients with ovarian cancer in a second or third complete remissionRole: P.I. Total Direct Costs: $14,326/patientProject Goals: 1) Assess the safety and tolerability of GDC-0449 in Women in 2nd clinical recurrences of epithelial ovarian cancer. 2) Identify molecular markers predictive of clinical responses to GDC-0449.Agency: **Ovarian Cancer Research Fund**Title: MicroRNAs as Diagnostic and Therapeutic Targets in Ovarian CancerRole: Project Leader (15%) Total Direct Costs: $900,000Project Goals: 1) Use state-of-the-art sequencing technology to comprehensively profile microRNA expression in human epithelial ovarian cancers, normal ovaries and primary cultures of normal ovarian surface epithelial. 2) Understand the mechanistic consequences of altered microRNA expression in normal ovarian surface epithelia and established ovarian cancer cell lines. 3) Create in vivo models for studying the pathophysiologic consequences of microRNA deletions and testing the validity of microRNAs as biological targets for treating ovarian cancer.Agency: **Sarcoma Foundation of America**Title: Targeting Centrosomes in Uterine LeiomyosarcomaRole: P.I. Total Direct Costs: $25,000 Project Goals: 1) Assess clinical significance of Aurora kinase misexpression in uterine leiomyosarcoma. 2). Determine impact of targeting Aurora kinases using a novel animal model of the disease. Agency: **Sarcoma Foundation of America**Title: MicroRNAs in Uterine LeiomyosarcomaRole: P.I. Total Direct Costs: $25,000Project Goals: 1) Assess the role of 2) Determine whether novel gold-based nanoparticles can be used to effectively deliver microRNAs to impair ULMS growth and metastasis.Agency: **Mary Kay Ash Foundation**Title: Developing MiR-31 Based Therapies for Ovarian CancerRole: Co-Investigator Total Direct Costs: $100,000Project Goals: 1) Dissect the role of miR-31 in ovarian cancer and 2) Validate novel miR-31 conjugated gold nanoparticles for killing ovarian cancer cells in vitro and in vivo.Agency: **Southwestern Oncology Group**Title: GOG-0240: A Randomized Phase III Trial of Cisplatin plus Paclitaxel with and  without NCI-Supplied Bevacizumab (NSC #704865, IND #7921) versus the Non- platinum Doublet, Topotecan Plus Paclitaxel, with and Without NCI-Supplied  Bevacizumab in Stage IVB, Recurrent or Persistent Carcinoma of the Cervix.Role: Site PI Direct Costs: $2,300/patientProject Goals: 1) Determine whether the addition of bevacizumab to chemotherapy improves overall survival. 2) To determine and compare the frequency and severity of adverse events for administered regimens.Agency: **Baylor College of Medicine Endowment** (IDEA AWARD)Title: The Role of COUP-TFII in Ovarian Cancer Angiogenesis & MetastasisRole: Co-PI Total Direct Costs: $75,000Project Goals: 1) Decipher the role of COUP-TFII expression on ovarian cancer metastasis and angiogenesis in ovarian cancer in vitro and in vivo. 2) Identify downstream transcriptional targets for COUP-TFII in epithelial ovarian cancers.Agency: **Howard Hughes Medical Institute/National Institute of Health** Title: Molecular Mechanisms of Memory and LearningRole: FellowProject Goals: Dissect the role of neurotransmitters mediating interactions between the visual vestibular networks in an invertebrate model of associative conditioningAgency: **The University of Texas M.D. Anderson Cancer Center Foundation**Title: Mechanisms of Cellular SenescenceRole: P.I. Total Direct Costs: $5,000.Project Goal: Dissect the role of Ku-80 in the senescence of mesenchyme | 8/15/2020-2/14/20226/1/2020-8/21/20235/1/2020-4/28/20256/1/2019-5/30/20225/1/2018-2/1/2021 - 12/1/2016-11/30/20193/1/2016-12/31/201812/1/2015-12/31/20184/1/2018-10/20/20181/1/2015-12/31/20185/20/2017-10/20/20183/1/2016-12/31/20181/1/2015-12/31/201712/1/2014-11/30/201710/1/2013-9/30/20174/1/2016-3/31/20177/1/2013-6/30/20179/1/2014-8/31/20161/1/2015-12/31/20151/1/2012-12/31/20159/1/2014-10/31/20159/1/2012-8/31/20153/1/2012-8/31/20157/1/2012-6/20/20157/1/2012-6/30/20156/1/2013-5/30/20157/1/2008-6/30/20139/1/2008-8/31/201212/1/2008-11/30/20121/1/2011-12/31/201211/9/2011-10/31/201311/1/2003-10/31/20057/1/2004-6/30/200510/1/2003-9/30/20047/24/2002-7/24/20055/1/2006-9/1/20068/1/2006-7/31/20077/1/2007-7/1/20089/1/2007-12/15/200812/1/2007-5/15/20083/7/2008-6/30/20098/6/2008-7/1/20099/1/2006-6/1/201111/19/2008-3/15/20111/1/2008-12/31/20104/15/2009-3/31/20107/1/2010-6/30/20117/1/2010-6/30/20121/5/2011-6/1/20129/1/2010-8/31/20127/1/1987-6/30/19899/1/1999-8/3/2000 |
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*Abstracts given during the last 13 years*1. Guntupalli S, **Anderson ML**, Milam MR, Bodurka D, Ramirez PE, “Retrospective Outcomes Analysis of Patients with Uterine Smooth Muscle Tumors of Uncertain Malignant Potential” 38th Annual Meeting, Society of Gynecologic Oncologists, Tampa, FL, March 9-11, 2008.
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3. Nagaraja A, Creighton C, Reid J, Gunaratne P, Hawkins SM, Lang M, **Anderson ML**, Matzuk M. “MicroRNAs in Human Ovarian Cancer.” 2008 Annual Meeting, Society for the Study of Reproduction, Kona, Hawaii, June, 2008. (*Selected as Plenary Presentation*).
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10. Khan MF, Olokpa E, Dziadzek O, Creighton C, Nagaraja CK, Kantilal A, Hawkins S, Zui H, Gunaratne P, **Anderson ML**. “Differentially Expressed MicroRNAs and Their Targets in Uterine Leiomyomas. 2009 Annual Meeting, Society for the Study of Reproduction, Pittsburgh, PA, July 18, 2009.
11. **Anderson ML**, M.F. Khan MF, Olokpa E, Zhu H, Ewelike N, Orsulic S, Roden R, Thomas D, Creighton CR, P. Gunaratne. “Role of MicroRNAs in Uterine Leiomyosarcoma.” 2009 Annual Meeting, Connective Tissue Oncology Society, Miami Beach, FL, November 5, 2009. (*Abstract #5, Selected for Lead Plenary Session; 2009 Best Basic Science Prize, SGO*).
12. Creighton CJ, Gunaratne P, Matzuk MM, **Anderson ML**. "Massively Parallel Sequencing Identifies miR-31 as a Key Tumor Suppressor in Papillary Serous Ovarian Cancers" 41st Annual Meeting, Society of Gynecologic Oncologists, San Francisco, CA. March 8, 2010. (*Selected for Plenary Presentation*)
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14. Khan MF, Li Z, Olokpa A, Dziadzek O, Creighton CJ, Roden R, Thomas R, **Anderson ML**. "Overexpression of Centrosome-Regulating Pathways in Uterine Leiomyosarcoma" Annual Meeting, Society for Gynecologic Investigation, Orlando, FL, March, 2010. (*Selected as Plenary Presentation*)
15. Akinfenwa J, Kolomeyevskaya N, Mach CM, Li Z, **Anderson ML**. "A Novel Small Molecule Inhibitor for Aurora-A Kinase Inhibits the Growth of Cervical Cancer in Vitro and In Vivo." Society for Study of Reproduction, 2010 Annual Meeting, Milwaukee, WI, July 31, 2010.
16. Arias P, Creighton CJ, Yu Z, Gunaratne P, **Anderson ML**, Matzuk MM, Hawkins, SM. "MicroRNAs in Endometrioid Ovarian Cancer Target the Ephrin Receptor Signaling Pathway" Society for the Study of Reproduction, Milwaukee, WI (2010) Abstract #692
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19. Benham A, **Anderson ML**, Gunaratne G. "MiR-130b Functions as a Tumor Suppressor in Ovarian Cancer by Promoting p53-Mediated Apoptotic Pathways. 1st Annual Symposium, Cancer Prevention and Research Institute of Texas, Austin, TX. November 17-19, 2010.
20. Mach CM, Kim J, Creighton CJ, Gunaratne PH, **Anderson ML**. "A Unique MicroRNA Locus at 19q13.41 Sensitizes Ovarian Cancers to Chemotherapy. Annual Meeting, Society of Gynecologic Oncologists, Orlando, FL. March 5, 2011. Abstract #4. (*Selected for Lead Plenary Session and Best Basic Science Award*)
21. Mach CM, Kim J, Zighelboim I, Goodfellow P, Odunsi K, Gunaratne P, Hawkins SM, **Anderson ML**. "Next Generation Sequencing Identifies miR-143 as a Putative Tumor Suppressor in Uterine Papillary Serous Carcinoma" Society for Gynecologic Investigation, Miami Beach, FL, March, 2011. Abstract #37 (*Selected as Plenary Presentation*).
22. Shan W, Akinfenwa, PY, Brewer KJ, Lev D, **Anderson ML**. "Dysregulation of the Mitotic Spindle Checkpoint Contributes to the Development of Human Genital Tract Leiomyosarcoma." Annual Meeting, American Association for Cancer Research, Orlando, FL April 5, 2011.
23. Kim, J, Mach, CM, Soibam B, Creighton CJ, Xiao W, Gunaratne P, **Anderson ML**. "Genome-wide Analysis of Small RNA Transcripts Reveals Novel Roles of MicroRNAs and MicroRNA Processing in Uterine Papillary Serous Carcinoma." Cell Symposium: Non-coding RNAs, Chicago, IL, and October 12, 2011.
24. Kim, J, Mach, CM, Soibam B, Creighton CJ, Xiao W, Gunaratne P, **Anderson ML**. "Novel MicroRNAs Regulating Growth and Metastasis of Uterine Papillary Serous Carcinoma." Annual Symposium, Dan L. Duncan Cancer Center, Houston, TX, November 11, 2011.
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26. Ghosh-Choudhury T, Xiao W, Gunaratne PH, **Anderson ML**. "Role of miR-148a/b in High Grade Serous Ovarian Carcinomas." Annual Symposium, Dan L. Duncan Cancer Center, Houston, TX November 11, 2011.
27. Kim, J, Mach, CM, Soibam B, Creighton CJ, Xiao W, Gunaratne P, **Anderson ML**. " miR-143 Targets Exportin 5 to Promote the Growth of Uterine Papillary Serous Carcinomas. 2nd Annual Symposium, Cancer Prevention and Research Institute of Texas, Austin, TX. November 15-17, 2011.
28. Ramos CA, Narala N, Leen AM, Gerdemann U, **Anderson ML**, Sturgis EM, Savoldo B, Heslop HE, Brenner MK, Rooney CM. Human Papillomavirus Type 16 (HPV16) E6/E7-Specific Cytotoxic T Lymphocytes (CTLs) for Immuno-therapy of HPV-Associated Malignancies. 53rd Annual Meeting, American Society of Hematology. San Diego, CA. December 10, 2011.
29. Anaya Y, Khatri S, Xiao W, **Anderson ML**, Hawkins SM. "Distinct Molecular Pathways in Endometriosis Associated Ovarian Cancer." Annual Meeting, Society for Gynecologic Investigation, March 22, 2012. (*Selected as Plenary Presentation*)
30. Shan W, Creighton CJ, **Anderson ML**. "Mir-140-3p Targets IQGAP3 and Promotes Growth and Metastasis of Uterine Leiomyosarcoma" Annual Meeting, Society for Gynecologic Investigation, March 22, 2012. (*Selected as Plenary Presentation*).
31. Mach C, Kim J, Creighton CJ, Gunaratne PH, **Anderson ML**. "Loss of miR-143 Promotes the Proliferation of UPSC by Enhancing Exportin-5 Expression" Annual Meeting on Women's Cancer, Society for Gynecologic Oncology, Austin, TX. March 26, 2012.
32. Ghosh-Choudhury T, Xiao W, Gunaratne PH, **Anderson ML**. "Loss of miR-148a/b Expression Promotes Ovarian Cancer by Targeting Erbb3 and MYB". Annual Meeting on Women's Cancer, Society for Gynecologic Oncology, Austin, TX. March 26, 2012.
33. Shahzad MMK, Van Galder HR, **Anderson ML**, Kapur A, Jallow F, Rose SL, Patankar MS. "MicroRNA Modulation and Potent Anticancer Activity by Conjugated Linoleic Acid in Epithelial Ovarian Carcinoma." Annual Meeting on Women's Cancer, Society for Gynecologic Oncology. Austin, TX. March 26, 2012.
34. Stover J, Lee N, McCoy R, Patel P, Hanke J, Mach CM, **Anderson ML**. “Targeting Cervical Cancer Prevention in an Uninsured/Underinsured Patient Population” Annual Seminar & Arcade, Texas Association of Health-System Pharmacists, Dallas, TX, April 12-15, 2012.
35. **Anderson ML**, Shan W, Kim G, Creighton CJ, Gunaratne PH, Lev D. "Genome-wide Transcriptional Profiling Identifies miR-10b as a Key Tumor Suppressor in Uterine Leiomyosarcoma." 2012 Annual Meeting, Cancer Prevention and Research Institute of Texas, Austin, TX. October 25, 2012.
36. **Anderson ML**, Hanser L, Daheri M, Bailey-Delesbore CL, Ramondetta L, Sangi-Haghpeykar. "Developing a Comprehensive Cervical Cancer screening Program for High Risk Uninsured and Underinsured Women in Harris County." 2012 Annual Meeting, Cancer Prevention and Research Institute of Texas. Austin, TX October 25, 2012.
37. Shan W, Kim G, Lev D, **Anderson ML**. "Small Molecule Inhibitors for Polo-like Kinase 1 (Plk-1) Sensitize Uterine Leiomyosarcoma to Rapamycin." Connective Tissue Oncology Society, Prague, Czech Republic. November 16, 2012. (*Selected as Primary Plenary presentation*).
38. Mach C, Wan Y-W, Liu Z, **Anderson ML**. "Lasso Analysis Identifies Novel Pathways by which Lin28 Paralogs Determine Ovarian Cancer Susceptibility and Metastasis." 2nd Annual Meeting, Cancer Genome Atlas Consortium, Arlington, VA, November 26, 2012.
39. Ghosh-Choudhury T, Loomans HA, Wan Y-W, Liu Z, Hawkins SM, Anderson **ML**. "Hyperactivation of FOXM1 Drives Ovarian Cancer Growth and Metastasis Independent of the G2-M Cell Cycle Checkpoint" American Association for Cancer Research, Washington, D.C, April 9, 2013.
40. Mach C, Wan Y-W, Liu Z, **Anderson ML**. "Lasso Analysis Identifies Novel Pathways by which Lin28 Paralogs Determine Ovarian Cancer Susceptibility and Metastasis, American Association for Cancer Research, Washington, D.C, April 8, 2013.
41. Sun G, **Anderson ML**, Meng F, Shan W, Yu Y, Brewer MA. "The omental microenvironment promotes in vivo metastasis via CD-133 mediated ovarian cancer self-assembly." American Association for Cancer Research, Washington, D.C, April 8, 2013.
42. Mach CL, **Anderson ML**. “Novel Function for Lin28a/b in Ovarian Cancer Predisposition and Tumorigenicity.” 2014 Annual Meeting, Society for Gynecologic Oncology, Tampa, FL.
43. Hsieh, G, Antony K, Masand R, **Anderson ML**. “Interim Analysis of Prospective Feasibility Study of Postpartum Salpingo-Oophorectomy.” 2014 Annual Meeting, Society for Gynecologic Oncology, Tampa, FL. (*Selected as Featured Poster*).
44. Desai P, Wallace R, **Anderson ML**, Alqwasmi A, Howard BV, Wu CH, Safford M, Martin LW, Schlect N, Liu S, Cetnar J, Cirillo D, Jay A, Manson JE, Simon MS. “Prospective Analysis Of Statin Use and Risk Of Non-Hodgkin’s Lymphoma In The Women’s Health Initiative Cohort” American Society for Hematology.
45. Hsieh GL, Antony K, Masand R, **Anderson ML**. “Histologic Characterization of the Post-Partum Fallopian Tube” 2014 Annual Meeting, Society for Gynecologic Investigation, Florence, Italy, March 27, 2014.
46. Ghosh-Choudhury T, Wan Y-W, Mach CM, Liu Z, **Anderson ML**. “Loss of MiR-148 Enhances Ovarian Cancer Growth and Metastasis by Promoting MTMR9 Expression.” 2014 Annual Meeting, Society for Gynecologic Investigation, Florence, Italy, March 27, 2014. (*Selected for a Pardi Award and presentation as part of the Presidential New Investigator Plenary Session).*

 1. Mach C, Magliaro T, **Anderson ML**. “ECT2: A Molecular Target for the Treatment of Uterine Papillary Serous Carcinoma (UPSC)” 2014 Annual Meeting, Society for Gynecologic Investigation, Florence, Italy, March 27, 2014.
2. Mach CM, Magliaro T, **Anderson ML**. “Overexpression of ECT2 promotes proliferation and metastasis of UPSC” Annual Meeting, American Association for Cancer Research, San Diego, CA, April 8, 2014.
3. **Anderson ML**, Kim GE, Mach CM, Creighton CJ, Lev D. “miR-10b functions as a novel tumor suppressor in uterine leiomyosarcoma by promoting overexpression of SDC1” Annual Meeting, American Association for Cancer Research, San Diego, CA, April 9, 2014.
4. Hsieh G, Antony K, Masand R, **Anderson ML**. “A Prospective Feasibility Study of Post-Partum Distal Salpingectomy” 2014 Annual Meeting, American College of Obstetrics & Gynecology, Chicago, IL. April 20, 2014.
5. Hsieh G, Antony K, Masand R, **Anderson ML**. “A Prospective Feasibility Study of Risk-Reducing Distal Salpingectomy.” Edmond T. Gonzales, Jr., Research Day, Department of Surgery, Baylor College of Medicine, May 9, 2014.
6. Ogunwale A, Sangi-Haghpeykar H, Montealegre J, Nosek MA, Bailey-Delesbore CL, Lucinda-Thomas C, Jibaja-Weiss M, **Anderson ML**. “Predictors of Cervical Cancer Screening among Women Receiving Care through a Safety-Net Health System” 7th Annual Conference on the Science of Health Disparities,” American Association for Cancer Research, San Antonio, TX, November 11, 2014.
7. Delaney M, Wan Y-W, Taylor MG, Kim G, Valdes C, Liu ZD, **Anderson ML**. “Progesterone Promotes Smooth Muscle Tumorigenesis by Down-Regulating SFRP4 Overexpression” Annual Retreat, Center for Reproductive Medicine Baylor College of Medicine, Houston, TX, February 25, 2015.
8. Biernacka A, **Anderson, ML**, Masand RL. “Papillary Squamous Cell “Carcinoma of the Uterine Cervix – Removing an Aggressive Label.” 104th Annual Meeting, United States & Canadian Academy of Pathology, Boston, MA. March 21-27, 2015.
9. Hsieh, GL, **Anderson, ML**, Ludwig M. “Treatment Compliance Among Medically Underserved Women Undergoing Chemoradiation for Locoregionally Advanced Cervical Cancer.” 45th Annual Meeting, Society for Gynecologic Oncology, Chicago, IL. March 28-31, 2015.
10. Betancourt A, Chauhan M, Dong Y, Balakrishnan M, **Anderson ML**, Belfort M, Yallampalli C. “Vasodilatory Responses to CGRP Family Peptides and Their Receptor Levels in Human Omental Arteries are Increased During Pregnancy” Annual Meeting, Society for Reproductive Investigation, San Francisco, CA, March 25-28, 2015.
11. Delaney M, Wan Y-W, Taylor MG, Kim G, Valdes C, Liu ZD, **Anderson ML**. “Progesterone Promotes Smooth Muscle Tumorigenesis by Down-Regulating

 SFRP4 Overexpression” Annual Meeting, Society for Reproductive Investigation, San Francisco, CA, March 25-28, 2015. (*Selected for Plenary Presentation and Best New Investigator Award*)1. Ezra Cohen E, Moore KN, Slomovitz BM, Chung CW, **Anderson ML**, Morris S, Mauro D, Burtness B. “Phase 1-2 study of ADXS11-001 or MEDI4736 immunotherapies alone and in combination, in patients with recurrent/metastatic cervical or human papillomavirus (HPV) positive head and neck cancer.” Annual Meeting, Society for Immunotherapy of Cancer, Baltimore, MD. November 4-8, 2015.
2. Ludwig M, Hsieh G, Bonnen M, Linesch S, MacDonald A, **Anderson ML**. “Abstract#652: Treatment compliance and outcomes for women with locoregionally advanced cervical cancer treated in a safety-net health system.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, Austin, TX, November 9-10, 2015.
3. **Anderson ML**, Cui Y, Daheri M, Bailey-Delesbore CL, Montealegre JM, Ogunwale A, Ramondetta LR, Sangi-Haghpeykar H, Hanser L, Jibaja-Weiss M. “Abstract#649: Impact of a Comprehensive Program Focused on Cervical Cancer Screening and Follow up Within a Texas Safety Net Health System.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, Austin, TX, November 9-10, 2015.
4. Mach CM, Mhawech-Fauceglia P, Sangi-Haghpeykar H, **Anderson ML**. “Abstract#717: Overexpression of Exportin-5 (XPO5) Defines a Novel Subset of MicroRNA-Addicted Uterine Cancers with Poor Outcome.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, November 9-10, 2015.
5. Montealegre JM, Hanser L, Chenier R, Valverde I, Chauca G, Daheri M, Rustveld L, Reed B, **Anderson ML**, Ramondetta LR, Gould-Suarez M, Musher B, Scott L, Nangia J, Hoagland-Sorensen J, Rieber A, Jibaja-Weiss M. “Abstract#116: The Community Network for Cancer Prevention: Using the RE-AIM Framework to Develop and Implement a Cancer Screening Educational Tool.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, November 9-10, 2015.
6. Jibaja-Weiss M, Montealegre JM, Hanser L, Daheri M, Chenier R, Valverde I, Chauca G, Rustveld L, **Anderson ML**, Ramondetta LR, Gould-Suarez M, Musher B, Scott L, Nangia J, Reed B, Hoagland-Sorensen J, Rieber A. “The Community Network for Cancer Prevention: Developing a Multi-Level Intervention to Improve Cancer Screening and Follow-Up among the Medically Underserved.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, November 9-10, 2015.
7. Montealegre JR, Hanser L, Daheri M, Chenier R, Valverde I, Chauca GS, Rustveld LO, **Anderson ML**, Ramondetta L, Gould-Suarez M, Musher BL, Scott LD, Nangia JR, Reed BC, Hoagland-Sorensen J, Rieber A, Jibaja-Weiss ML.  “Using community theater to promote cancer screening among the medically underserved.”  Innovations in Cancer Prevention and Research Conference, Cancer Prevention and Research Institute of Texas, Austin, Texas November 9-10, 2015.
8. Montealegre JR, Hanser L, Daheri M, Chenier R, Valverde I, Chauca GS, Rustveld LO, **Anderson ML**, Ramondetta L, Gould-Suarez M, Musher BL, Scott LD, Nangia JR, Reed BC, Hoagland-Sorensen J, Rieber A, Jibaja-Weiss ML.  Patient navigation to ensure diagnostic follow-up among patients with abnormal cancer screening results.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas 2015, Austin, Texas November 9-10, 2015.
9. Montealegre JR, Hanser L, Daheri M, Chenier R, Valverde I, Chauca GS, Rustveld LO, **Anderson ML**, Ramondetta L, Gould-Suarez M, Musher BL, Scott LD, Nangia JR, Reed BC, Hoagland-Sorensen J, Rieber A, Jibaja-Weiss ML.  “Using the Quality in the Continuum of Cancer Care framework to develop a multilevel intervention to improve cancer screening and follow-up among the medically underserved.”  The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, American Association for Cancer Research Conference on, Atlanta, Georgia November, 2015.
10. Lawson B, Soundar E, **Anderson ML**, Masand P. “Intraoperative Consultation in Low Grade Endometrial Endometrioid Adenocarcinoma: Is Frozen Section Superior to Gross Examination?” United States & Canadian Academy of Pathology March 18-22, 2016.
11. Montealegre JR, McGee L, Boom J, Scheurer M, **Anderson ML,** Jibaja-Weiss M. A Baseline Assessment to Inform a Multi-Level Intervention to Increase HPV Vaccine Initiation and Completion in a Safety net Healthcare System in Houston, Texas. HPV Vaccination Summit, Columbus, Ohio, June, 2016.
12. Montealegre JR, Cui Y, Hanser L, Daheri M, Mallory M, **Anderson ML**, Jibaja-Weiss ML. “Patient navigation ensures diagnostic follow-up among patients with an abnormal pap test.”  American Public Health Association Meeting, Denver, Colorado, November, 2016.
13. Guner JZ, Kim GE, Delaney MA, Ghosh-Choudhury T, Valdes C, Gibbons W, **Anderson ML**. “Expression of Tumor Suppressor PCDH10 in Uterine

Leiomyomas and Leiomyosarcomas” Annual Meeting, Society for Reproductive Investigation, San Francisco, CA, March 17, 2017. (*Selected for presentation and Pardi Award as part of the Presidential New Investigator Plenary Session.)*  1. Wu S-P, **Anderson ML**, Wang T, Li X, DeMayo FJ. “Investigation of Human Myometrial Transcriptome and Progesterone Receptor Cistrome.” Annual Meeting, Society for Reproductive Investigation, San Francisco, CA, March 18, 2017.
2. Chang G, Li J, Wang B, Yamamoto Y, Rajasekaran M, Duleba M, Rao W, Xie J, Wang S, Jazaeri A, Davis P, Torti S, Draetta G, **Anderson ML**, Brewer MB, Crum c, McKeon F, Xian W. “Cloning and vulnerability of intrinsically resistant subset of ovarian cancer stem cells” AACR Special Conference: Addressing Critical Questions in Ovarian Cancer Research and Treatment. October 1-4, 2017, Pittsburgh, PA.
3. Montealegre JR, McGee L, Boom JA, **Anderson ML**, Mallory M, Scheurer ME, Jibaba-Weiss ML. “A baseline assessment of HPV vaccine initiation and completion rates in a safety net healthcare system in Houston, Texas.” International Papillomavirus Conference, Cape Town, South Africa, March, 2017.
4. Hall TH, Daheri M, Montealegre J, Hanser L, Turnbull C, Jibaja-Weiss M, **Anderson ML**. “Factors associated with navigation failure among medically underserved women screened for cervical cancer.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, November 13-14, 2017.
5. Xie J, Yamamoto Y, Wang, B, Mahalingam R, Duleba M, Rao W, Wang S, Jazaeri A, Davies P, Torti S, Draetta G, **Anderson ML**, Brewer M, Crum C, McKeon F, Xian W. “Cloning and Vulnerability of Intrinsically Resistant Subset of Ovarian Cancer Stem cells.” Innovations in Cancer Prevention and Research Conference. Cancer Prevention and Research Institute of Texas, November 13-14, 2017
6. Hall TR, Montealegre J, Daheri M, Turnbull C, Jibaja-Weiss M, Sangi-Haghpeykar H, **Anderson ML**. “Factors associated with navigation failure among medically underserved women screened for cervical cancer.” Innovations in Cancer Prevention and Research Conference, Cancer Prevention and Research Institute of Texas, November 13-14, 2017.
7. Elshaikh B, Chang R, **Anderson ML**, Masand R. “Coexistent Endometrial and Ovarian Endometrioid Carcinoma: A Clinicopathologic Analysis of 18 Cases

 with Immunohistochemistry Testing for Mismatch Repair Proteins.” Annual Meeting, United States and Canadian Academy of Pathology, 2018.1. Chang R, Elshaikh B, **Anderson ML**, Masand R. “Uterine Carcinosarcomas: A Clinicopathologic Study of 22 cases.” Annual Meeting, United States and Canadian Academy of Pathology, 2018.
2. Montealegre JR, McGee L, Daheri M, Sangi-Haghpeykar H, Mallory-McRae M, Hanser L, Klein K, **Anderson ML**, Boom J, Scheurer M, Jibaja-Weiss ML. “Interim Results of a Tiered Patient Recall/Reminder Program for Human Papillomavirus Vaccination in a Safety Net Healthcare System in Houston, Texas.” American Society for Preventive Oncology, New York, New York, March, 2018.
3. **Anderson ML**, Lazar AN “Integrated genomic analyses distinguish leiomyo-sarcomas arising at distinct anatomic origins.” Annual Meeting, Society for Gynecologic Oncology, March 26, 2018. (*Selected for Lead Basic Science Plenary Presentation - top 5 abstracts for 2018 meeting*)
4. Hall TR, Montealegre J, Daheri M, Turnbull C, Jibaja-Weiss M, Sangi-Haghpeykar H, **Anderson ML**. “Factors associated with navigation failure among medically underserved women screened for cervical cancer.” Annual Meeting, Society for Gynecologic Oncology, March 25-27, 2018. (*Selected for Plenary Presentation*)
5. Xian W, McKeon F, Crum C, Xie J, Wang B, Yamamoto Y, Torti S, Brewer M, **Anderson ML**, Jazaeri A, Draetta G, Wang S, Mahalingam R, Chen H, Duleba M, Rao W. “Pre-existence of poly-resistant cancer stem cells in high grade-ovarian cancer.” Annual Meeting, American Association for Cancer Research, April 14, 2018.
6. Yoder AK, Dalwadi S, Dorman CM, Hall TR, **Anderson ML**, Ludwig MS. “Patterns of Care and Outcomes in Early Stage Neuroendocrine Carcinoma of the Uterine Cervix.” American Radium Society, May 8, 2018.
7. **Anderson ML**, Hall TR, Mach CM, Turnbull C, Spoo L, Kilpatrick C. “Online Learning Module for Improving Oncologic Fund of Knowledge among OB-GYN Postgraduate Trainees. Texas Educators Academies Collaborative for the Health Professions - Southeast (TEACH-S) Educational Symposium May 11, 2018. (*Selected for Plenary Presentation*)

 1. Wu S-P, Wang T, Peavey M, **Anderson ML**, Li X, DeMayo F. “Regulation of the Smooth Muscle Program by Progesterone Receptor during Pregnancy.” Keystone Symposia - Gene Control in Development and Disease, June, 2018.
2. Ressler K, Payne KS, Daheri M, **Anderson ML**, Jibaja-Weiss ML, Montealegre JR. Using the RE-AIM framework to evaluate a cervical cancer screening recall and patient navigation intervention in a safety net health system. Implementation and Dissemination Science, Crystal City, VA, December, 2018.
3. Payne KS, Ressler K, Daheri M, **Anderson ML**, Scheurer ME, Hanser L, Hernández R, Escobar B, Rosen A, Jibaja-Weiss ML, Montealegre JR. Interim Results: Recall and Patient Navigation to Increase Cervical Cancer Screening Among Un-/Under-screened Women in a U.S. Safety Net Healthcare System. Eurogin, Lisbon, Portugal, December, 2018.
4. **Anderson ML**, Ding L, Grisenko MA, Kawaler E, Thiagarajan M, Dou Y, Liu W, Zhou DC, Mesri M, Q Gao, SH Payne, B Wen, L-B Wan, CR Kinsinger, Y Wu, Levine DA, Smith DA, Ellis MJ, Ruggles RV, Rodriguez H, Rodland KD, Zhang B, Fenyo D, Liu T. “Approach to a Comprehensive Proteogenomic Analysis of Uterine Cancer.” 50th Annual Meeting, Society for Gynecologic Oncology, March, 2019.
5. Yoder AK, Mach C, Dalwadi S, Hall TR, **Anderson ML**, Ludwig MS. “Association of hematologic toxicities and outcomes in the treatment of cervical cancer with definitive chemoradiation.” 50th Annual Meeting, Society for Gynecologic Oncology, March, 2019.
6. Jin J, Dalwadi S, Masand RM, Hall TR, **Anderson ML**, Ludwig MS. “Associa-tion between metabolic syndrome and endometrial cancer survival in a SEER-Medicare linked database.” 50th Annual Meeting, Society for Gynecologic Oncology, March, 2019.
7. Kuznicki ML, Mallen A, Eggers E, Regis J, Todd S, Tanner JP, **Anderson ML**, Rutherford TJ. “Preliminary Quality of Life and Clinical Outcomes with an Opiate Restrictive Enhanced Recovery Protocol in a Gynecologic Oncology Population.” Annual Meeting, Florida Society for Gynecologic Oncology, June 6, 2019. (*Selected for Plenary Presentation*)
8. Xie J, Yamamoto Y, Liew A-A, Want B, Mahalingam R, Duleba M, Rao W, Niroula S, Goller K, Zhang Y, Wang S, Jazaeri A, Davies P, Torti S, Draetta G, **Anderson ML**, Brewer MB, Crum C, McKeon F and Xian W. “Pre-existing, poly-resistant cancer stem cells in high-grade serous ovarian cancer.” AACR Special Conference on Advances in Ovarian Cancer Research; September 13-16, 2019.
9. Montealegre JR, **Anderson ML**, Hilsenbeck SG, Zare M, Parker SL, Cantor SB, Daheri M, Jibaja-Weiss ML, Chiao EY, Scheurer ME. Planning for Implementation: Protocol for a randomized controlled hybrid type I trial of mailed self-sample human papillomavirus (HPV) testing among under-screened women in a safety net healthcare system. Implementation and Dissemination Science, Crystal City, VA, 12/2019.
10. Fadiel A, Sharma N, **Anderson ML**. “Standardized Exosome Isolation and Profiling for Biomarker Discovery.” AACR Special Conference on Advances in Liquid Biopsies, January 13-16, 2020.
11. Read S, Dou Y, Jonnalagadda VA, Rutherford TJ, **Anderson ML**. “PAX8 represents a Potential Novel Therapeutic Target in Copy Number Nigh Uterine Carcinomas.” USF Health Research Day Symposium, Tampa, FL February 21, 2020.
12. Jonnalagadda VA, Guner JZ, Read SM, Patil NM, Masand RP, Valdes CT, Gibbons WE, **Anderson ML**. “Heterogenous Expression of HES6 Promotes the Growth of Uterine Leiomyomas.” USF Health Research Day Symposium, Tampa, FL February 21, 2020.
13. Mallen AR, Cline K, Cao B, Williams HR, Better MH, Buras AL, Read S, Rutherford TJ, Shahzad MM, Vadaparampil S, **Anderson ML**. “Patterns of genetic profiling for ovarian cancer among gynecologic oncology providers.” Moffitt Research Symposium, Tampa, FL, March, 2020.
14. Montealegre JR, Parker SL, Zare M, Hilsenbeck SG, Bulsara S, Daheri M, Escobar B, Jibaja-Weiss ML, **Anderson ML**, Cantor SB, Chiao EY, Scheurer ME. “Cervical Cancer Screening among Primary Care Patients in an Urban Public Safety Net Health System.” American Society for Preventive Oncology. Tucson, Arizona (converted to online conference due to COVID-19), March, 2020.
15. Kuznicki ML, Mallen A, Eggers E, Regis J, Todd S, Tanner JP, **Anderson ML**, Rutherford TJ. “Clinical Outcomes for an Opiate Restrictive Enhanced Recovery Protocol in a Gynecologic Oncology Population.” 51st Annual Meeting, Society for Gynecologic Oncology, March, 2020. (*Selected for Plenary Presentation*).
16. Mallen AR, Cline K, Cao B, Williams HR, Better MH, Buras AL, Read S, Rutherford TJ, Shahzad MM, Vadaparampil S, **Anderson ML**. “Patterns of genetic profiling for ovarian cancer among gynecologic oncology providers.” 51st Annual Meeting, Society for Gynecologic Oncology, March, 2020.
17. Read SH, Dou YC, Jonnalagadda VA, Rutherford TJ, Zhang B, **Anderson ML**. “PAX8 represents a potential novel therapeutic target in copy number high uterine serous carcinoma.” AACR Virtual Special Conference: Endometrial Cancer - New Biology Driving Research and Treatment. November 9-10, 2020.
18. Wells AE, **Anderson ML**, Williams B, Kayisli U, Louis J, English DP, Lockwood CJ, Rutherford TJ. “Impact of a Standardized Surgical Workflow on Outcomes of Hysterectomy Performed for Morbidly Adherent Placenta. Virtual Annual Meeting, Society for Maternal Fetal Medicine, January 25-30, 2021.
19. Rooker J, Rutherford TJ, **Anderson ML**, Martin TE, English DP, Sanchez, V. “A Routine Early screening for Chemotherapy-Induced Hearing loss and other Neuropathies in Patients Undergoing Cancer Treatment: A Pilot Study.” Virtual 52nd Annual Meeting, Society for Gynecologic Oncology, March, 2021. (*Selected for Plenary Presentation*)
20. Read SH, Cline K, Mallen AR, Cao B, Fridley B, Vadapramparil S, Chern J, **Anderson ML**. “Patterns of Genetic Testing for Women Recently Diagnosed with Uterine Cancer” Virtual 52nd Annual Meeting, Society for Gynecologic Oncology, March, 2021.
21. Wells A, **Anderson ML**. “Evaluation of Abnormal Vaginal Bleeding in the Emergency Department: Logical Opportunities to Favorably Impact a Key Cancer Disparity” Virtual 52nd Annual Meeting, Society for Gynecologic Oncology, March, 2021.
22. Wellcome JL, Wells AE, Rutherford RJ, **Anderson, ML**. “Heated Intraperitoneal Chemotherapy in Low-Grade Serous Ovarian Carcinoma: A Case Series.” USF Health Research Day, February 26, 2021.

*Book Chapters and Reviews*1. Pejovic T, Odunsi K Anderson ML. Molecular Biology of Endometrial Cancer. In Genomic and Personalized Medicine (2nd Edition). HF Willard, GS Ginsburg, eds. 2021.
2. Naqvi K, **Anderson ML**. Uterine Cancer. In Tumor Boards Review: Guidelines and Case Reviews in Oncology (2nd Edition). Todd RF, Cooney KA, Hayes TG, Mims MP, Worden FP, eds. 2014.
3. Odunsi K, Pejovic T, **Anderson ML**. Molecular Pathogenesis of Gynecologic Cancers. In Principles and Practice of Oncology, Vol 2, 10th Edition. DeVita VT, Rosenberg JS, eds. Lippincott, Williams and Wilkins, 2014.
4. **Anderson ML** and Kolomeyevskaya N. Uterine Sarcomas. In Current Multidisciplinary Oncology: Gynecologic Cancer. Pejovic T and Odunsi K, eds. Demos Publishing, 2013.
5. Anan A, **Anderson ML**. Uterine Cancer. In Tumor Boards Review: Guidelines and Case Reviews in Oncology. Todd RF, Cooney KA, Hayes TG, Mims MP, Worden FP, eds. 2011.
6. Pejovic T, **Anderson ML**, Odunsi K. Molecular Biology of Ovarian Cancer. In Genomic and Personalized Medicine. HF Willard, GS Ginsburg, eds. 2011
7. Odunsi K, Pejovic T, **Anderson ML**. Molecular Pathogenesis of Gynecologic Cancers. In Principles and Practice of Oncology, Vol 2, 9th Edition. Devita VT, Rosenberg JS, eds. Lippincott, Williams and Wilkins. 2011.
8. Patsner B, **Anderson ML**. Genital Cancers in Pregnancy. In Complications of Pregnancy. 6th Edition. Cohen W. and August P, eds. 2012.
9. Ke S, Chun Q, Zhang FJ, Mach CM, **Anderson ML**, Konopleva M, Yustein JT, Zao C, Lin J. Retinoic acid: An old compound with the potential for future personalized molecular medicine. In Retinoic Acid: Structure, Metabolism and Roles in Disease. 2009.
10. Odunsi K, Pejovic T, **Anderson ML**. Molecular Pathogenesis of Gynecologic Cancers. In Principles and Practice of Oncology, Vol 2, 8th Edition. Devita VT, Rosenberg LS, eds. Lippincott, Williams and Wilkins. 2008. p1487-1495.
11. Pejovic T, **Anderson ML**, Odunsi K. Molecular Biology of Ovarian Cancer. In Genomic and Personalized Medicine Vol 2. Willard HF, Ginsburg GS, eds. 2008. p 913-921.
12. **Anderson ML**. Obstetrical Hemorrhage. In Critical Care: Clinical Companion. Seth Spector, ed., Lippincott, Williams and Wilkins. 2000.
13. **Anderson ML**, Schwartz, PE. Evaluation and Management of Cervical Cancer in Pregnancy. In Cancer and Pregnancy. Barnea AR, Jauniaux E, and Schwartz PE, eds. Springer-Verlag. 2001.
14. **Anderson ML**, Schwartz PE. Case Studies in the Management of Gynecologic Malignancies. In Cancer and Pregnancy. Barnea, A.R., Jauniaux, E., Schwartz, P.E., eds. Springer-Verlag 2001.
15. **Anderson ML**. Cell Communication as Human Disease. Yale J. Biol. Med., 1992.

**Patents**1. MiR-520 microRNAs sensitize cancer to chemotherapy. Inventors: **Anderson, ML**, Mach C, Gunaratne PH. Patent No. 9,758,785; granted USPTO: September 12, 2017.
2. MicroRNA-130a, b as a tumor suppressor and sensitizing agent for chemotherapy. Inventors: Gunaratne PH, Benham AL, **Anderson ML**. Patent No. 9,192,622; granted USPTO, Nov 24, 2015.
3. MicroRNA-140-5p as a tumor suppressor and sensitizing agent for chemotherapy. Inventors: Gunaratne PH, Benham AL, **Anderson ML**. Patent No. 8,765,707; granted USPTO, July 1, 2014.

**National Scientific Service**OneFlorida+ Research ConsortiumExecutive Committee COVID-19 Ancillary Review CommitteeNCI Clinical Proteomic Tumor Analysis Consortium (CPTAC)Phase IV Scientific Advisory PanelEndometrial Cancer Working GroupBiospecimen Working GroupNCI Cancer Genome Atlas Consortium (TCGA)Data Analysis and Publication Committee, Pan Gynecologic Cancer  Working Group  Data Analysis and Publication Committee, Sarcoma Working Group, Data Analysis and Publication Committee, Cervical Cancer Working GroupCervical Cancer Working GroupUterine Cancer Working Group Society for Gynecologic Investigation/Society for Reproductive InvestigationScientific Session Moderator, Annual MeetingScientific Abstract ReviewerMini-Symposium OrganizerAnnual Meeting Awards CommitteeNational Influenza Vaccine Collaborative (NIAID)Data Safety Monitoring BoardSouthwest Oncology Group (SWOG)Gynecology Working Group Society for Gynecologic OncologyAnnual Meeting Scientific Review PanelMember, Communications CommitteeNIH Women’s Health Initiative (WHI)Annual Meeting Scientific Review PanelTexas State Department of HealthSteering Committee, Cervical Cancer Strategic Plan**Editorial Boards**Journal of Reproductive Medicine, Gynaecology & ObstetricsEndocrinologyPlos One American Journal of Physiology - Endocrinology and MetabolismAmerican Journal of Cancer Research**Review Panels***Ad hoc Journal Review*American Journal of Obstetrics and GynecologyBMC Women’s HealthCancer DiscoveryCancer Epidemiology, Biomarkers and PreventionCancer LettersCancer ResearchCase Reports in Obstetrics and GynecologyClinical Cancer ResearchGeneExpert Review of Molecular DiagnosticsGynecologic OncologyGynecologic and Obstetric InvestigationInternational Journal of Gynecologic Cancer International Journal of Medical SciencesJournal of Proteomics & BioinformaticsJournal of Clinical Endocrinology and MetabolismMedical OncologyMolecular EndocrinologyObstetrics and GynecologyOncotargetPlos OneReproductive SciencesScientific ReportsTranslational MedicineTranslational Research**Grant Review**U.S. Department of Defense Congressionally Mandated Ovarian Cancer Research ProgramAd Hoc Scientist ReviewerRegular Member, Cell and Molecular Biology Peer Review PanelU.S. Department of Defense Congressionally Mandated Endometriosis Research ProgramAd Hoc Scientist ReviewerMedical Research Council (United Kingdom)Ad Hoc Scientist ReviewerAgence National de la Recherche (France)Ad Hoc Scientist Reviewer, Young Researchers Programme,Scientific Review Panel, Austrian Science Fund (FWF)Ad Hoc Scientist ReviewerLiddy Shriver Sarcoma Initiative Ad Hoc Scientist ReviewerBaylor College of Medicine Department of Surgery (Young Investigators Program)Department of Head and Neck Surgery (Mini Grant Program)**Professional Societies**American College of Obstetrics and GynecologyAmerican Association for the Advancement of ScienceGynecologic Oncology GroupFull Member, Society for Gynecologic OncologyAmerican Association for Cancer ResearchSociety for Gynecologic InvestigationSouthwest Oncology GroupThe Felix Rutledge SocietySociety for the Study of ReproductionConnective Tissue Oncology Society | 9/201711/20157/2014202020202018-20192017 -2016 -2016 - 20182014 - 20172013 - 20162011 - 20162012 - 20152016, 2008, 2011-20142009 - 20192004, 2006, 20102011 -20182009-20122007-20102009-2012201120132005-20062015-20182015-20182012-20182010-20182010 - 2016, 2018-2020201220202020201320132012-201420132015 |
|  | **Patient Care Responsibilities***University of South Florida Morsani College of Medicine*  Affiliated Institutions: Tampa General Hospital Section or Specialty: Gynecologic Oncology Clinical Productivity: ~7100 wRVU for FY2020 (>150% of Expected)*Baylor College of Medicine*  Affiliated Institutions: Texas Children’s Hospital Pavilion for Women, Ben Taub General Hospital, Smith Clinic (Harris Health System), CHI Baylor St. Luke’s Medical Center, Houston Methodist Hospital, Woman’s Hospital of Texas. Section or Specialty: Gynecology and Gynecologic Oncology Clinical Productivity: 89-350% of Quarterly Expected**Clinical Laboratory Responsibilities**  N/A**National Education or Voluntary Health Organization Participation** Medical Mission, Chincha Medical and Educational Center, Peruvian  American Medical Association  Medical Mission, Chincha Medical and Educational Center, Peruvian  American Medical Association**Administrative Assignments**  Departmental Administration, Committees ***University of South Florida Morsani College of Medicine***Awards, Promotion & Tenure Committee, Department of Obstetrics & Gynecology, USF Morsani College of MedicineDirector of Gynecologic Oncology Research, USF Morsani College of  MedicineMember, Core Curriculum Committee, Gynecologic Oncology Fellowship, USF  Morsani College of Medicine ***Baylor College of Medicine***Director of Research (Gynecology), Department of Obstetrics & Gynecology,  Baylor College of MedicineResident Research Committee, Department of Obstetrics & Gynecology, Baylor  College of Medicine Research Leadership Committee, Department of Obstetrics & Gynecology,  Baylor College of MedicineDirector, Gynecologic Oncology Research, Baylor College of MedicineFounding Director, BCM Gynecologic Tissue RepositoryExecutive Leadership Committee, Department of Obstetrics & Gynecology,  Baylor College of MedicineDirector, Division of Gynecologic Oncology, Baylor College of Medicine, Co-Director, Division of Gynecologic Oncology, Baylor College of MedicineMember, Resident Research Committee, Department of Obstetrics &  Gynecology, Baylor College of MedicineMember, Resident Education Committee, Department of Obstetrics &  Gynecology, Baylor College of Medicine College-Wide and Institutional Administration, Committees***University of South Florida/Tampa General Hospital***Executive Committee, Tampa General Hospital Cancer InstituteGrand Rounds/Journal Club Committee, TGH Cancer InstituteExecutive Advisory Committee, USF/TGH Caris Precision Oncology InitiativeChair, USF/TGH Research Advisory CommitteeFounding Director, USF/TGH Institutional Tissue BiorepositoryMD-PhD Program Committee, University of South FloridaMedical Director, Office of Clinical Research, Tampa General Hospital Physician Champion, EPIC COSMOS installation, Tampa Genera HospitalMember, Dean’s Committee on Assessing the New Normal, USF Morsani  College of MedicineCo-Chair, Clinical & Translational Research Core, USF Pandemic Response  NetworkMember, USF Federal Corona Virus Relief Package Task ForceMember, Search Committee, Division Chief, Maternal Fetal Medicine, USF  Morsani College of MedicineMember, USF/TGH Joint Research Bioinformatics CommitteeMember, Executive Steering Committee, TGH/USF Clinical Research  Assessment Committee, Tampa, FLMember, Robotic Steering Committee, Tampa General HospitalMember, Cancer Committee, Tampa General Hospital (TGH)Member, Surgical Block Time Committee, Tampa General Hospital, Tampa, FLSelection Committee, Associate Chief of Staff for Research, James A. Haley  Veteran’s Hospital, Tampa, FL***Baylor College of Medicine***Academic Lead, Gynecologic Disease-Oriented Working Group, Dan L.  Duncan Comprehensive Cancer Center, Baylor College of MedicineVice Chair, Institutional Review Board, Baylor College of MedicineScientist Member, Institutional Review Board, Baylor College of Medicine, Member, Dan L. Duncan Cancer Center Planning Committee, BCMMember, Harris Health Cancer Committee, Harris Health System, Houston, TXChair, Partnership for Gynecologic Oncology Quality Improvement, Ben Taub  General Hospital, Houston, TXChair, Gynecologic Oncology Tumor Board, St. Luke’s Episcopal  Hospital, Houston, TXChair, Baylor College of Medicine/Ben Taub General Hospital  Gynecologic Oncology Tumor Board Member, End of Life Care Planning Committee, Harris County Hospital  District, Houston, TXMember, Outpatient Facilities Planning Committee, Harris County Hospital  District, Houston, TXMember, Clinical Practice Leadership Group, Baylor ClinicMember, Adult Working Group, Protocol Review Committee, Dan L. Duncan  Cancer Center, Baylor College of MedicineExamination Committee, Program in Translational Biology & Molecular  Medicine, Baylor College of Medicine Member, Ethics Committee, Ben Taub General HospitalMember, Scientific Advisory Committee, General Clinical Research Center,  Texas Children’s Hospital, Houston, TXCancer Committee, St. Luke’s Episcopal Hospital, Houston, TXCancer Committee, St. Luke’s Episcopal Hospital, Houston, TX | 2018-current2002-2018Feb-2013Feb-20142021 - current2020 - current2018 - current2014-20182014-20182014-20182009-20142007-20182005-20092005-20092004-20052003-20062002-20052022- current 2021- current 2022- current 2021- current2020 - current2020 - current2019 - current2020 - current20202020202020202019-20202019-20202019 - current2018-20202018-201920182015-20182005-20172004-20052004-20092004-20132004-20092005-20152005-20112007-20082007-20092008-20092009-20102010-20132010-20182010-20122009-20102012-2013 |
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|  | **Other Pertinent Information not given above** Junior Faculty Research MentorshipClaire Mach, Pharm.D, Assistant Professor, College of Pharmacy, University of Houston. I have served as primary advisor for mentored junior faculty position since 2010 with goal of establishing an independent research program. Now supported through multiple external grants, including grant support from Gynecologic Cancer Foundation (2012) and Department of Defense Ovarian Cancer Research Program (2015). (Carol’s Cause Uterine Cancer Research Award, 2011; Presidential Plenary Presentation, Society of Gynecologic Oncologists, 2012). PI, DOD Ovarian Cancer Research Program Pilot Project Grant (OC140169) *Four manuscripts published, 7 manuscripts in substantial preparation, >14 abstracts published, five manuscripts in preparation.* Yvette Williams-Brown, MD, Division of Gynecologic Oncology; Mentoring Dr. Brown on health disparities research projects and grant applications, including Woman to Woman Survivorship Grant awarded by Ovarian Cancer Research Fund, 2013). PI, Quality Improvement Grant, American College of Obstetrics & gynecology, 2015; Co-Investigator, PP120091 since 2014. Two abstracts and one manuscript submitted.Celestine Tung, MD, Assistant Professor, Division of Gynecologic Oncology; (Co-PI, Woman to Woman Survivorship Grant, Ovarian Cancer Research Fund, 2013). One abstract submitted; one manuscript submitted.Aba Coleman, MD, MEd, Assistant Professor, Department of Obstetrics & Gynecology Since 2014, mentored and advised in successful NCI P30 Supplement on HPV Vaccination ($100,000 awarded 9/2014). Two abstracts published; one manuscript in press; one manuscript in preparation. Co-Investigator; PP120091, Jennifer Bump, MD, Assistant Professor, Department of Obstetrics & Gynecology. Two abstracts published; one manuscript under revision; one manuscript in preparation. Co-Investigator, PP120091, PP160049. 2014 – 2018.Michelle Ludwig, MD, PhD, Assistant Professor, Department of Radiation Oncology. Since 2014, I have been mentoring Dr. Ludwig with initiation of investigator initiated clinical trial now approved by BCM DLDCC; One manuscript published; one manuscript submitted/in revision; one grant application in preparation. Two grants submitted (AACR and private foundation). Investigator-Initiated Phase II Clinical Research Trial – Funded.Anuja Vyas, MD, Assistant Professor, Department of Obstetrics & Gynecology, BCM. Developed multiple translational research projects with goal of supporting development of BCM Pelvic Health Center, starting 2016. | 2009-20152012-20152012-20142014-20162014-20162014-20172015-2017 |
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