**Program Director**

**Ashok Agarwal, Ph.D., HCLD**
Director, Andrology Center & Reproductive Tissue Bank  
Director, American Center for Reproductive Medicine  
Professor, Cleveland Clinic Lerner College of Medicine  
Glickman Urological & Kidney Institute  
Cleveland Clinic, X11  
10681 Carnegie Avenue  
Cleveland, Ohio 44195  
Tel: (216) 444-9485  
Fax: (216) 445-6049  
E-mail: agarwaa@ccf.org

**Course Coordinators**

**Rakesh Sharma, Ph.D.**  
Research Coordinator  
Andrology Center & Reproductive Tissue Bank  
American Center for Reproductive Medicine  
Glickman Urological & Kidney Institute  
Associate Professor, Lerner College of Medicine  
Cleveland Clinic, X11  
10681 Carnegie Avenue  
Cleveland, Ohio 44195  
Tel: (216) 444-4350  
Fax: (216) 445-6049  
E-mail: sharmar@ccf.org

**Sajal Gupta, M.D.**  
Assistant Research Coordinator  
Supervisor, Andrology Center  
American Center for Reproductive Medicine  
Glickman Urological & Kidney Institute  
Assistant Professor, Lerner College of Medicine  
Cleveland Clinic, X11  
10681 Carnegie Avenue  
Cleveland, Ohio 44195  
Tel: (216) 444-8182  
Fax: (216) 445-6049  
E-mail: guptas2@ccf.org

**Zeynep Cakar**  
Assistant Coordinator  
Summer Internship Program  
Tel: +90 535-9596939  
(216)-482-5361  
E-mail: znp.ckr@gmail.com

**Carolina Martines**  
Assistant Coordinator  
Summer Internship Program  
Tel: +55 (11) 97271-5969  
E-mail: carolina_martines@hotmail.com

**Deepak Kumar**  
Assistant Coordinator  
Summer Internship Program  
Tel: (440) 539-7441  
E-mail: kumar.dk1896@gmail.com
2016 Summer Mentorship Course Faculty

Ashok Agarwal, PhD, HCLD
Director, American Center for Reproductive Medicine

Rakesh Sharma, PhD
Research Coordinator, ACRM

Sajal Gupta, MD
Supervisor, Andrology Center

Carmen Carabajo, MT (ASCP)
Med Tech, Andrology Center

Meaghanne Carabajo, MT
Med Tech, Andrology Center

Alyssa Giroski, MT
Med Tech, Andrology Center

Ahmet Ayaz, PhD
Invited Faculty, SI 2016

Kothandaraman Narasimhan, PhD
Invited Faculty, SI 2016

Gulsum Ahmad, PhD
Invited Faculty, SI 2016

Luna Samanta, PhD
Invited Faculty, SI 2016

Sezgin Gunes, PhD
Invited Faculty, SI 2016

Paula Intasqui, M.Sc
Invited Faculty, SI 2016

Asli Mahmutoglu, M.Sc.
Invited Faculty, SI 2016

Nirlipta Swain, M.Sc
Invited Faculty, SI 2016

Zeynep Cakar, M.Sc.
Asst. Coordinator, SI 2016

Carolina Martines
Asst. Coordinator, SI 2016

Deepak Kumar
Asst. Coordinator, SI 2016
2016 SUMMER MENTORSHIP PROGRAM

Speakers & Preceptors Bios
SPEAKERS AND PRECEPTORS

1. AGARWAL, Ashok, Ph.D., HCLD
2. AHMAD, Gulfam, Ph.D.
3. AYAZ, Ahmet, Ph.D.
4. CAKAR, Zeynep, M.Sc
5. DARK, Officer Derrick
6. GUNES, Sezgin, PhD
7. GUPTA, Sajal, M.D., TS (ABB)
8. HARLEV, Avraham, MD
9. HENKEL, Ralf, Ph.D.
10. INTASQUI, Paula, MS
11. IRANPOUR, Farhad Golshan, Ph.D.
12. KACZYNSKI, Sgt. Stanley
13. KINGSBERRY, Sheryl, Ph.D.
14. KLEIN, Eric, M.D.
15. KLINE, Theresa, MLIS
16. KOTHANDARAMAN, Narasimhan, Ph.D.
17. KUMAR, Deepak
18. MAHMUTOGLU, Asli, Ph.D.
19. MAJZOUB, Ahmad
20. MARTINES, Carolina Minelli
21. MCKENZIE, Margaret, M.D., FACOG
22. MODLIN, Charles, M.D.
23. MOORE, Amy, B.A.
24. MORRISON, Sylvia, B.A.
25. POPTIC, Earl, Ph.D.
26. ROIZEN, Michael, M.D.
27. SABANEIGH Jr, Edmund, M.D.
28. SAMANTA, Luna, Ph.D.
29. SHARMA, Rakesh, Ph.D.
30. SIROT, Laura, Ph.D.
31. SKURZAK, Donna, M.A., LSW, CDP
32. STEINER, Chris
33. SWAIN, Nirlipta, M.Sc
34. YOUNG, James, M.D.
AGARWAL, Ashok, Ph.D., HCLD

Dr. Agarwal received his Ph.D. in 1983 from Banaras Hindu University, India. He did his post-doctorate training in Reproductive Biology under a fellowship from The Rockefeller Foundation at Harvard Medical School in Boston, Massachusetts. He was an Instructor in Surgery and then an Assistant Professor of Urology at Harvard Medical School from 1988 to 1992. He is board certified as a Clinical Laboratory Director in Andrology by the American Board of Bioanalysis and an Inspector for the College of American Pathologists’ “Reproductive Laboratory Program” for accreditation of Andrology & IVF Laboratories. Ashok served as the Chairman of Board of the American College of Embryology from 2009 to 2012. He is included in a number of biographical reference directories such as “International WHO’S WHO Historical Society”, “International WHO’S WHO of Professionals”, “Marquis who’s who” and “Strathmore’s Who’s Who”. He was the recipient of the 2011 Innovator Award for the development of “Remote Sperm Banking Kits” from the Cleveland Clinic Innovations, a recipient of the 2011, 2012 and 2013 Star Award from the American Society for Reproductive Medicine, and the 2011, 2013 and 2014 “Scholarship in Teaching Award” for the annual Summer Internship Course and the 2013 and 2014 Teaching Award for the Training Program in Advanced Reproductive Techniques from the Case Western Reserve University School of Medicine.

Dr. Agarwal has published over 525 scientific papers and review articles in peer reviewed scientific journals, authored over 150 book chapters, and presented over 750 papers at both national and international scientific meetings. His Hirsch index (h-index) is 99 (Google Scholar) and 62 (Web of Science and Scopus), while his citation count is 35,332 on Google Scholar. According to ResearchGate, Ashok has an RG score of 52.33 on 1633 publications. Ashok is ranked as the #1 Author in andrology/male infertility and ART-related research, based on a Global Ranking of Authors Publishing in Andrology or Male Infertility report employing exhaustive searches on the Scopus database. Ashok is an editor of over 26 medical text books/manuals related to male infertility, ART, fertility preservation, DNA damage and antioxidants. He is the guest editor of 4 special journal issues. He is a member or office bearer of several professional societies including the American Society for Reproductive Medicine, American Society of Andrology, American Urological Association, Society for the Study of Male Reproduction and Society for the Study of Male Reproduction and Urology. Dr. Agarwal serves on the Editorial Board of Andrology, Andrologia, Asian Journal of Andrology, Bulgarian Medicine, Clinics, European Urology Review, Fertility and Sterility, Human Andrology, Human Fertility, Indian Journal of Experimental Biology, International Brazilian Journal of Urology, International Journal of Biotechnology and Bio Sciences, International Journal of Fertility and Sterility, Journal of Reproductive and Stem Cell Biotechnology, and the National Journal of Andrology, Reproductive Biology & Endocrinology & Translational Andrology, and Urology. He is the Section Editor for Reproductive Biomedicine Online. He is also an ad hoc reviewer for over 50 scientific journals.

Ashok is active in basic and clinical research, and his laboratory has trained more than 500 basic scientists and clinical researchers from the United States and more than 50 countries. Ashok has been invited as a guest speaker at important international meetings in over 25 countries. He has directed more than a dozen ART and Andrology Laboratory Workshops and Symposia in recent years. His laboratory has provided hands on training in Embryology and Andrology techniques to over 166 candidates from more than 40 countries. Ashok is the Program Director of a unique and highly successful Summer Internship Course in Reproductive Medicine. In the last 9 years, over 190 pre-med and medical students from across the United States and overseas have graduated from this highly competitive program. Dr. Agarwal is the recipient of 90 research grants. His current research interests are identifying biological markers of oxidative stress, DNA damage and apoptosis using proteomic research tools and bioinformatics analysis as well as preserving fertility in patients with cancer. Dr. Agarwal is actively involved in laboratory and clinical studies assessing the efficacy of certain antioxidants in improving the fertility of male patients.
AHMAD, Gulfam, MCE, MRD, DIU, Ph.D.

Dr. Gulfam Ahmad is an Assistant Professor of Physiology, University of Health Sciences, Lahore, Pakistan. He obtained his Master in Clinical Embryology from University of Paris and PhD in Reproductive Physiology from the University of Toulouse, France. Gulfam received a Fulbright Research Scholar Award to conduct advanced research at the American Center for Reproductive Medicine, Cleveland Clinic in 2014. Has was recently awarded the Australian Endeavour Fellowship. Gulfam’s research interests are in the area of male infertility and andrology with a focus on the proteomics of male reproductive cancers. Using cutting edge research techniques, Gulfam aims to identify protein biomarkers and elucidate their role in the pathophysiology of male fertility.
AYAZ, Ahmet, Ph.D

Ahmet Ayaz is a PhD candidate at the Department of Bioengineering, Yildiz Technical University, Istanbul. He was a Research Fellow in Andrology at the American Center for Reproductive Medicine from 2013 to 2014. He came to Cleveland Clinic on a scholarship from the Scientific and Technological Research Council of Turkey. He studied the effect of increasing presence of ROS in the seminal ejaculate on the human spermatozoa proteome in male infertility patients and his findings were recently published in Clinical Proteomics.
CAKAR, Zeynep, M.Sc

Zeynep Cakar is working towards her Master of Science degree in Department of Histology and Embryology, Laboratories for Reproductive Medicine and Stem Cell Research, Ankara University School of Medicine in Turkey. She is a research assistant in Dr. Alp Can’s Lab in a project titled “Comparative analysis of total levels of PLC-z in spermatozoa from fertile and infertile patients” funded by TUBITAK (The Scientific and Technological Research Council of Turkey). Zeynep is a Visiting Research Student at the American Center for Reproductive Medicine, Cleveland Clinic since March 2016.
Officer Derrick Dark is the Assistant Crime Prevention/Community Outreach Officer at the Crime Prevention/Community Outreach Unit of the Cleveland Clinic. He has 28 years of service in the Cleveland Clinic Protective Services Department. He is a Certified Crime Prevention Specialist (Ohio Crime Prevention Association). Officer Dark is the 2011 recipient of the Sam and Maria Miller Award as Police Officer of the Year.
Sezgin Gunes is an Associate Professor of Medical Biology and Multidisciplinary Molecular Medicine in the Faculty of Medicine, Ondokuz Mayis University in Turkey. She received her B.Sc. from the Faculty of Art and Science, Middle East Technical University and her M.S. and Ph.D. in Medical Biology and Genetics from Faculty of Medicine, Ondokuz Mayis University.

Dr. Gunes teaches the molecular biology and genetics courses to medical students at Ondokuz Mayis University. She also teaches cell biology, signal transduction, ageing and apoptosis, cancer genetics and genetic and epigenetic basis of infertility to M.Sc. and Ph.D. students. Dr. Gunes directs a number of M.S and Ph.D. graduate students, and research personnel. Her current research is on association between epigenetics, cytogenetics, and alteration of gene expression. She has authored or co-authored over 60 peer reviewed articles and book chapters.
GUPTA, Sajal, M.D., TS (ABB)

Dr. Gupta holds the position of Assistant Professor in the Lerner College of Medicine and serves as the Assistant Coordinator of Research at the American Center for Reproductive Medicine since 2006. Dr. Gupta is the Manager of the Clinical Andrology Laboratory since 2008. She completed her Bachelor of Medicine and Bachelor of Surgery from the Lady Harding Medical College, University of Delhi and then did her Residency in Ob-Gyn from University of Delhi. She completed a Research Fellowship in Reproductive Medicine at the American Center for Reproductive Medicine from 2004 to 2007. During her tenure, Sajal has earned several awards including one for Highest Productivity in Female Infertility Research, an NIH travel award, Research Fellow of the Year and the Tommaso Falcone Award for Excellence in Female Infertility and Women’s Health”, Scholarship in Teaching Award at Case Western Reserve Medical School (2011 & 2013) and 2012 Innovator Award.

Dr. Gupta has published over 55 review articles and scientific papers in peer-reviewed scientific journals, authored a dozen book chapters, and has presented 50 abstracts at both national and international scientific meetings. She is an invited reviewer for several journals such as Fertility Sterility, Human Reproduction, Urology and Reproductive Biomedicine Online. Dr Gupta was a Guest Editor for a Special issue of the Current Women’s Health Reviews. She is an investigator on 25 research grants. Her current research interests include proteomics of female infertility, oxidative stress and sperm function, and endometriosis associated infertility and gamete cryobiology.
HARLEV, Avraham, M.D.

Dr. Avraham Harlev is a Senior Physician in the Fertility and IVF Unit, Soroka University Medical Center, Israel. He is a Lecturer in the Faculty of Medicine and Health Sciences, Ben-Gurion University of the Negev, Beer Sheva, Israel, from where he graduated as an MD in 2004. Avi was a Research Fellow in Andrology at the American Center for Reproductive Medicine from Sept 2014 to August 2015. Avi was conducting advanced research in male infertility and andrology at ACRM. Avi was also researching the role of smoking on male infertility, using an evidence based approach. He has been invited to submit this article to Nature Urology.
HENKEL, Ralf, Ph.D.

Ralf Henkel studied Biology and Chemistry at the University of Marburg, Germany, and obtained his PhD in 1990 on investigating the protein secretion of rabbit blastocysts during early pregnancy. Subsequently, he commenced working in Andrology in Giessen and Jena, Germany, and is currently Senior Professor and Head of the Department of Medical Bioscience at the University of the Western Cape, Bellville, South Africa, and Honorary Professor at the Universidad Peruana Cayetano Heredia, Lima, Peru. He published more than 90 papers and 28 book chapters, and supervised 67 postgraduate students (BSc Hons, MSc and PhD). Ralf Henkel is a B-rated scientist, member of the Editorial Boards of five international journals, Associate Editor of the Journal of Reproductive Biotechnology and Fertility and Co-Editor-in-Chief of Andrologia. His special research interests are sperm functions, impact of oxidative stress on male fertility, sperm DNA fragmentation as well the effects of Traditional Medicine on male reproductive functions and the prostate.
INTASQUI, Paula, MS

Paula Intasqui is a PhD candidate at the Department of Surgery, Division of Urology at Sao Paulo Federal University. She completed her Master’s degree in Biomedical Sciences from Sao Paulo Federal University. She has been on a scholarship from Sao Paulo Research Foundation (FAPESP) since 2011. She is studying the association between seminal plasma and sperm protein profiles with male infertility. Her current research is on the confirmatory proteomic analysis of a panel of seminal biomarkers of sperm function and semen oxidative stress. Paula has received a number of awards including the Lalor Foundation Travel Award from the American Society of Andrology (ASA) and the In-Training Travel Award from the American Society of Reproductive Medicine (ASRM). Currently Paula is a visiting Research Scholar at the American Center for Reproductive Medicine, at the Cleveland Clinic, USA.
IRANPOUR, Farhad Golshan, Ph.D.

Dr. Farhad Golshan Iranpour is an assistant professor of Anatomical Sciences at Isfahan University of Medical Sciences, Isfahan, Iran. He obtained his Bachelor in Physiotherapy from Tehran University and his M.Sc. and Ph.D. in Anatomical Sciences from Tabiat Modares University at Tehran, Iran. Dr. Iranpour is now working as a Research Fellow at American Center for Reproductive Medicine at Cleveland Clinic, USA. Dr. Iranpour teaches Human Anatomy and Embryology courses to medical students. He has also directed a number of postgraduate students of Anatomical Sciences. Dr. Iranpour research interests are in the area of male infertility and sperm biology. Most of his research has been on sperm chromatin, sperm resistance against environmental factors and spermostasis.
KACZYNSKI, Sgt. Stanley

Sgt. Stanley Kaczynski is the Crime Prevention / Community Outreach Sergeant at the Cleveland Clinic and is in charge of the Crime Prevention / Community Outreach Unit. He is a Certified Master Criminal Investigator (OPOTA Police Association) and a Certified Crime Prevention Specialist (Ohio Crime Prevention Association). He has been serving the Cleveland Clinic Police Department for 15 years. He has spent 7 years in the Patrol Division, 6 years in the Detective Bureau and a year as the Third Shift Patrol Sergeant. Sgt Kaczynski is the 2007 recipient of the Sam and Maria Miller Award as Police Officer of the Year.
KINGSBERG, Sheryl, Ph.D.

Dr. Sheryl A. Kingsberg is the chief of behavioral medicine at University Hospitals Case Medical Center and professor in Reproductive Biology and Psychiatry at Case Western Reserve University. Her areas of clinical specialization include sexual medicine, female sexual disorders, cognitive behavioral psychotherapy, menopause, pregnancy and postpartum mood disorders, psychological aspects of infertility, and psychological and sexual aspects of cancer.

Dr. Kingsberg’s primary research interests are in treatments for female sexual disorders and the psychological aspects of infertility and menopause. She has numerous publications in many national and international journals, sits on the editorial board of Menopause and has authored numerous chapters on topics including perimenopause and sexuality, oocyte donation, infertility and aging, the treatment of psychogenic erectile dysfunction and sexuality after cancer.

Dr. Kingsberg received her PhD from the University of South Florida in Tampa and completed her fellowship in sexual medicine at University Hospitals Case Medical Center. She is an active member in a number of national and international organizations including the American Psychological Association and the American Society for Reproductive Medicine. She currently sits on the Board of Trustees of The North American Menopause Society, and serves as the current treasurer of the Society for Assisted Reproductive Technologies. Dr. Kingsberg is a past president of The International Society for the Study of Women’s Sexual Health.
KLEIN Eric, M.D.

Eric A. Klein is the Head of the Section of Urologic Oncology in the Urological Institute and a staff member in the Cancer Center at Cleveland Clinic. His clinical interests are all aspects of urologic oncology, with a focus on cancers of the prostate. For several years, including the current edition, Dr. Klein is listed in Best Doctors in America.

Board-certified in urology, Dr. Klein is a frequent lecturer and visiting professor at numerous national and international universities. He was a National Medical Study Coordinator for the National Cancer Institute sponsored Selenium and Vitamin E Cancer Prevention Trial (SELECT). Dr. Klein is the editor of Urology and has been the recipient of numerous awards from the American Cancer Society, the University Of Pittsburgh School Of Medicine, and the Cleveland Clinic.

Dr. Klein received his medical degree from University of Pittsburgh School of Medicine in Pennsylvania. He completed his residency in urology at Cleveland Clinic and a fellowship in urology at the Memorial Sloan Kettering Cancer Center in New York.
Theresa Kline is a Medical Librarian in the Cleveland Clinic’s Floyd D. Loop Alumni Library. She specializes in library resource training. This includes databases such as PubMed, Scopus, and Embase and citation software such as RefWorks. Prior to joining the Clinic, Theresa worked as a Librarian at Aultman Health Foundation in Canton, Ohio and a manager at Hale Farm & Village in Bath, Ohio.

Theresa obtained her MLIS from Kent State University and her Bachelor of Arts from the University of Akron. She is an active member of local and national library associations including the Academic Library Association of Ohio and the Association of College & Research Libraries.
Dr. Narasimhan specializes in the field of human reproductive medicine with emphasis on male infertility and gynecological malignancies. His research involves use of various OMICS platforms to develop an integrated approach to understand to decipher the basic biology of the underlying pathophysiology of the disease. His expertise is on the use of mass spectrometry, gene expression profiling as well as on the use of computational and datamining approaches to elucidate as well as model pathways and networks associated with specific disease conditions. Dr Narasimhan graduated from the National University of Singapore and later worked as Research Fellow at the National University Hospital, Singapore. Currently Dr Narasimhan is working as a Visiting Research Scholar at the American Centre for Reproductive Medicine at the Cleveland Clinic, USA.
KUMAR, Deepak

Deepak Kumar is from Westlake, Ohio. This fall, he will be a third year undergraduate student at the University of Pittsburgh majoring in Biology and minoring in Chemistry. He has guaranteed admissions to medical school at the University of Pittsburgh School Of Medicine (BS/MD). He has completed two summers of clinical research at the Cleveland Clinic and currently is working in a biology research lab at the University of Pittsburgh studying the relationship of specific aquaporin channel mutations to symptoms of nephrogenic diabetes insipidus. Last summer, he was a part of the 2015 Summer Mentorship graduating class and will be serving as an Assistant Coordinator for the 2016 Mentorship. He is part of Pitt Avaaz, an a cappella group, Pitt Ping Pong Club, and Pitt HOSA, a new umbrella organization for various pre-health students on and near campus. In his free time, he enjoys singing classical Indian music, playing tennis, and reading. In the future, he plans to return to Cleveland and serve his community as a medical professional.
MAHMUTOGLU, Asli, PhD

Asli Mahmutoglu is a research assistant and studying towards her doctoral degree in Medical Biology in the Health Science Institute at Ondokuz Mayis University in Turkey. She received her postgraduate degree in Biology at the Institute of Science and Technology at Bozok University. She received her undergraduate degree in Biology at Erciyes University. Asli Mahmutoglu’s skills and expertise are in DNA Isolation, PCR, agarose and polyacrylamide gels, and protein quantification.
Dr. Ahmad Majzoub, a specialist in the fields of Andrology and Male Infertility, received his Bachelor Degree in Medicine and Surgery (MBChB) from Beirut Arab University in 2005. He then completed his residency training in Urology at Hamad Medical Corporation in Doha, Qatar, where he served as Chief Resident and received several awards such as “Best GME Resident Award - 2010”, “Star of excellence in practice and performance in Uro-oncology – 2011”, and “Merit star of excellence in performance in Andrology – 2013”. His postdoctoral training included a two-year fellowship in Andrology and Male Infertility at Hamad Medical Corporation as well as another clinical and research fellowship in Andrology at the Glickman Urological and Kidney Institute and the American Center for Reproductive Medicine, Cleveland Clinic Foundation, Ohio, USA.

He has great interest in the field of Medical Research and has been very active with an increasing number of publications over the past few years mainly focusing on Men’s health. He is a reviewer in several high impact medical journals and is an active member of the American Urological Association, the American Association for Reproductive Medicine, the European Association of Urology, the European and International Societies of Sexual Medicine and the Arab Association of Urology.
MARTINES, Carolina Minelli

Carolina Martines is from São Paulo, Brazil and is currently a fourth year medical student at University of São Paulo (USP). She participates in several activities at USP: she is on the board of the Plastic Surgery and the Preoperative Leagues and of the Student Union Osvaldo Cruz. Last year, she was also on the board of USP’s athletic association (Academic Athletic Association Osvaldo Cruz). Carolina enjoys scientific research, and her scientific initiation is about Breast Cancer. She plans to pursue a career in Surgery or Gynecology. Last summer, Carolina was a part of the 2015 Summer Mentorship graduating class and will be serving as the Assistant Coordinator for the 2016 Mentorship. Carolina is very interested in travelling, learning new languages and meeting people from all over the world, so she intends to live in many countries during her life. She spends most of her spare time playing sports, and her biggest passion is handball, which she plays at the university team.
McKENZIE, Margaret, M.D. FACOG

Margaret McKenzie is an Obstetrician-Gynecologist on the faculty of the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University (CCLCOM of CWRU), Cleveland, Ohio, where she serves as Assistant Professor of Surgery in the Division of Surgery. She is the Director for Medical Student Education and the Clerkship Director in the Department of Obstetrics and Gynecology at the Cleveland Clinic.

Dr McKenzie received her MD degree from the Washington University School of Medicine in St Louis and her M.S. degree in Biochemistry from Howard University College of Medicine. Her internship and residency in Obstetrics and Gynecology was at Case Western Reserve University School of Medicine/University Hospitals of Cleveland. After being in private practice at University Hospitals, Cleveland, she joined the Faculty of the Cleveland Clinic Foundation Regional Medical Practice in 1995.

She received the 2001 Association of Professors in Gynecology (APGO) teaching award for outstanding teaching effort to medical students. In 2004 she received Ohio State University College of Medicine Distinguished Educator Award for Excellence in Teaching. Also in 2004 she received the 2004 Harvard Macy Educational Scholar and was inducted as a member of the 2004-2005 class of the APGO-Solvay Educational Scholars. In 2007 she was awarded the Maria and Sam Miller Professional Excellence Award: Master Educator at the Cleveland Clinic. This award recognizes individuals who have demonstrated an outstanding sustained commitment to education at Cleveland Clinic. Dr. McKenzie has been featured by Cleveland Magazine as one of Cleveland’s “Top Docs” for the last 8 years and has been nationally recognized in the “National Top Docs” list. In June 2003 she served as a member of the national task force assigned by APGO Education Program and American Association of Medical Colleges to develop competencies for medical students.

Currently, Dr. McKenzie is Head of the Bogen Section in the Department of Obstetrics and Gynecology. She serves as the Chair of the Physician Advisors Council for the innovative competency-based portfolio assessment system at the Cleveland Clinic Lerner College of Medicine. Her main interests include reform of medical student education and understanding how adult learning styles can impact the trend of this reform. In addition, her passion is patient care of the mid-life patient and maintaining long term wellness as we age. She has given many national lectures to other doctors in her field including the National Medical Association, The Cleveland Clinic Panel on Menopausal Care and The Association of Professors in Gynecology and Obstetrics. Dr. McKenzie has also had a couple of appearances on the Dr. Oz show.
MODLIN, Charles S, M.D., MBA

Dr. Modlin is a Kidney Transplant Surgeon and Board-Certified Urologist. He founded and directs the Cleveland Clinic Minority Men’s Health Center (MMHC). He graduated from Northwestern University in 1983 (Chemistry degree) and Northwestern University Medical School in 1987 and was inducted into the Alpha Omega Alpha National Medical Honor Society. He completed a six-year residency in Urological Surgery at New York University in 1993, completed a three-year fellowship in kidney transplantation in 1996 (Cleveland Clinic), then joined the Cleveland Clinic Staff. He is one of only roughly 20 African-American transplant surgeons in the U.S. and a recognized national leader for the Elimination of Minority Health Disparities. In 2004, Dr. Modlin established a dedicated Cleveland Clinic Minority Men’s Health Center to address the specific healthcare needs of minority men. The center provides direct hands-on patient care, patient education, outreach, conducts research into the elimination of minority healthcare disparities and provides mentorship to students in order to promote the health professions as career options. Dr. Modlin’s annual MMHC Health Fair provides free health screenings for thousands of minority men.

Dr. Modlin was appointed to Governor Strickland’s and Governor Kasich’s Commissions on African American Males and the Ohio Commission on Minority Health. He chairs the health committees of the Cleveland NAACP and the Cleveland 100 Black Men. Honors include several awards (2007 Greater Cleveland Partnership MLK Community Award, Northwestern University Alumni Medal Award in 2003, Ohio Commission on Minority Health Leadership Award, National Technical Association Physician of the Year Award, SCLC Excellence in Medicine Award, Cleveland Black Nurses Recognition, and the Cleveland Clinic Bruce Hubbard Stewart Humanitarian in Medicine Award, among others.)
MOORE, Amy Slugg, B.A.

Amy Slugg Moore is the Manager of Medical Editing Services at Cleveland Clinic, which is part of the Department of Scientific Publications in the Education Institute. In her current position, she edits papers written by researchers who would like editorial help before submitting their work for publication. In addition, she teaches classes on scientific writing. Before joining the Clinic, she was an Editor at Medical Economics Co. and at Slack Inc.—both publishers of medical information in New Jersey.

Amy received her bachelor’s degree in journalism from Ohio University in 1992 and earned her certificate in Editing and Writing from the American Medical Writers Association in 2003. She is a past president of the Ohio Valley Chapter of the American Medical Writers Association.
MORRISON, Sylvia, B.A.

Sylvia Morrison is the Senior Director of Database Marketing at the Cleveland Clinic. Prior to joining the health care sector ten years ago, Sylvia was President of Wolf Direct Marketing, a full service ad agency with offices in 6 cities. She has spent over 20 years in advertising and direct marketing, developing campaigns for clients like Progressive Insurance, Things Remembered stores, and DRTV commercials for Chase and Sears Optical. She has conducted focus group research for consumer and business-to-business products. Sylvia has taught customer service training and telemarketing for companies with in-house departments. She was Senior Vice President and a partner at Liggett-Stashower Advertising for 12 years, and earlier in her career, served as Entertainment Editor at Cleveland Magazine.

A New York native, she earned a BA in French from Ohio State University, where she graduated with honors. Sylvia is a winner of the prestigious Gold Echo, the Direct Marketing Association’s highest award.

Sylvia is active in the community as a volunteer and fund raiser, serving as marketing chair for non-profit organizations. Her most gratifying volunteer endeavor is mentoring aspiring communicators to break into advertising and marketing.
POPTIC, Earl, Ph.D.

Earl Poptic is the Manager at the Hybridoma Core and Molecular Screening Core at the Lerner Research Institute.
ROIZEN, Michael, M.D.

Dr. Roizen is the Chief Wellness Officer at the Cleveland Clinic and the J Gorman and Family Chair of the Cleveland Clinic Wellness Institute. The Wellness programs have helped Cleveland Clinic employees lose more than 396,000 pounds, reduce blood pressures and smoking rates substantially, and increase engagement by 45%, as well as flatten the cost curve for Employee health. He is a Phi Beta Kappa graduate of Williams College and Alpha Omega Alpha graduate of the University of California, San Francisco, School of Medicine. He performed his residency in internal medicine at Harvard’s Beth Israel Hospital and completed a tour of duty in the Public Health Service at the National Institutes of Health. He is certified by both the American Board of Internal Medicine and the American Board of Anesthesiology.

Dr. Michael Roizen has founded twelve companies, co-invented a drug approved by the FDA and has published a series of highly popular and #1 New York Times bestsellers: YOU: The Smart Patient, YOU: The Owner’s Manual, YOU: On A Diet, and YOU: Staying Young - all co-authored with Dr. Mehmet Oz. Dr. Roizen co-founded RealAge Inc. and his first general-audience book, RealAge: Are You as Young as You Can Be? Became a New York Times #1 bestseller and was awarded the Best Wellness Book of 1999 by the Books for a Better Life Awards. Dr Roizen’s RealAge and the YOU books have been translated into more than 44 languages and have resulted in 4 #1 NY Times Bestsellers (more than any other physician) and have been #1 in five other countries.

He chaired the United Way Fund Raising effort at the Cleveland Clinic in 2006, and has served on the boards of five non-profit foundations. He served as President of the Society of Cardiovascular Anesthesiologists in 1997-8, and has won over 75 trophies in class A squash competition. His wife is a developmental pediatrician also listed in the Best Doctors in America. The Roizens have two children: Jenny, a PhD graduate of the California Institute of Technology, soon completing a post-doc in organic chemistry at Stanford and starting a faculty career at Duke, and Jeffrey, an MD/PhD graduate of Washington University, and a fellow in Pediatric Endocrinology at Children’s Hospital of Philadelphia.

Dr. Roizen has given over 1,500 lectures to professional medical groups and has been recognized with over 25 professional lectureships. He has appeared more than 18 times each on The Oprah Winfrey Show, The TODAY Show, Good Morning America, Canada AM, the 700 Club, and the Dr Oz show. He and Dr Oz write a column syndicated to 134 newspapers worldwide. He hosts a 2 hour radio show (5-7p Saturday live, or archived anytime) on RadioMD.com. He and Dr Oz shared an Elle in 2008, a lifetime achievement award from Books for Better Health, and the Paul Rodgers award for best medical communicators by the National Library of Medicine.
SABANEGH, Edmund, M.D.

Edmund S. Sabanegh, Jr. is Chairman of the Department of Urology, leading one of the top ranked Urology Departments in the United States. Dr. Sabanegh is the Professor of Surgery at the Lerner College of Medicine of Case Western Reserve University. He is also Director of the Section of Male Fertility for the Glickman Urological and Kidney Institute at the Cleveland Clinic. Dr. Sabanegh received his medical degree from the University of Virginia College of Medicine in 1985. He received his urology residency at Wilford Hall Air Force Medical Center in San Antonio, Texas. In 1994, he completed an infertility/microsurgery Fellowship at the Cleveland Clinic in Cleveland, Ohio. Following that, he returned to San Antonio, Texas where he served in the United States Air Force until 2006. In 2006, Dr. Sabanegh returned to Cleveland and assumed his current position. In addition, he is the Program Director for the Male Infertility Fellowship, leading one of the few Male Infertility Fellowship programs in the United States, which combines basic research with extensive clinical experience.

His surgical interests include microsurgical reconstruction of the male reproductive tract and advanced sperm harvest techniques. His research interests include complex reconstructions for obstruction of the reproductive tract, fertility preservation in cancer patients, varicoceles, and environmental influences on fertility.

Dr. Sabanegh has published more than 100 scientific articles and chapters in peer-reviewed journals and textbooks and has authored two books. Dr. Sabanegh is board certified by the American Board of Urology. He is a past chief consultant for the Surgeon General of the U.S. Air Force. He holds active membership in the American Society for Reproductive Medicine, the American Urologic Association and the Society for the Study of Male Reproduction and Urology. He is the Assistant Editor for UROLOGY and has served as a reviewer for the Journals of Andrology Urology, British Journal of Urology and Fertility and Sterility.

66. Speakers and Preceptors Bios 2016
Dr. Luna Samanta is a Professor in the Department of Zoology and the Dean of School of Life Sciences Ravenshaw University in India. Luna was a Visiting Commonwealth Academic Staff Fellow at the Imperial College of London, United Kingdom in 2011. She was then awarded a Raman Fellowship for Post Doctoral Research for advanced research at the American Center for Reproductive Medicine, Cleveland Clinic to from 2014-2015. Her current research interests include research in proteomics and male infertility in general and redox regulation of sperm proteome in particular.
SHARMA, Rakesh, Ph.D.

Dr. Rakesh Sharma is an Associate Professor at the Lerner College of Medicine of Case Western Reserve University and is the Coordinator of the Andrology Center and the American Center for Reproductive Medicine. Dr. Sharma received his Masters of Science in 1983 and his Ph.D. degree in 1992 from Panjab University, Chandigarh, India. He completed his postdoctoral training at the Cleveland Clinic. He is the recipient of the American Foundation for Urologic Disease (AFUD) Award.

Dr. Sharma has published over 200 original peer reviewed scientific papers and over 400 abstracts at both national and international scientific meetings. He has authored three dozen book chapters. He has received well over 60 research grants. He is a member of several professional societies, including the American Society of Reproductive Medicine, American Society of Andrology, and the Society for the Study of Male Reproduction. Dr. Sharma is the recipient of the Cleveland Clinic Innovator Award, the 2011 and 2013 Scholarship in Teaching (SIT) Award from the CASE Medical School for the innovative Summer Internship Course and the Star Award from the American Society for Reproductive Medicine from 2012-2015.

His current research interests include the role of free radicals in the pathophysiology of male and female infertility, oxidative stress and DNA integrity, alterations in oxidative stress-related proteins, sperm proteomics and fertility preservation.
SIROT, Laura, Ph.D.

Dr. Laura Sirot is currently an Assistant Professor of Biology at The College of Wooster in Wooster, Ohio. Dr. Sirot received her MS and PhD in Zoology from the University of Florida, her MA in Anthropology at the University of Michigan, and her BS in Anthropology and Mathematics at the University of Michigan. She received a National Institutes of Health Ruth L. Kirschstein National Service Research Award Fellowship for her post-doctoral studies in Molecular Biology and Genetics at Cornell University.

Dr. Sirot’s diverse training has equipped her to take an integrative approach to her main research question of how males and females can influence each other’s reproductive success. Most of her research has been on insects including damselflies, beetles, fruit flies, and, most recently, mosquitoes. She uses conceptual frameworks and techniques from evolutionary biology, animal behavior, physiology, proteomics and molecular biology. Currently, she is using these approaches to investigate the causes and consequences of variation in ejaculate composition in both insects and humans. She has recently begun a collaboration with the Cleveland Clinic to use evolutionary approaches to address questions about human fertility diagnosis and treatment.

Dr. Sirot is a member of the International Society for Behavioral Ecology and the Animal Behavior Society.
SKURZAK, Donna, M.A., LSW, CDP

Donna Skruzak is the director of Diversity & Inclusion department at Cleveland clinic. She anticipates and creates strategies for the Cleveland Clinic system in alignment with health care reform, employee and patient needs. She is an experienced leader possessing the valuable combination of clinical and business expertise across the health care continuum resulting in positive organizational outcomes and bottom line. Cultivates and applies vision, knowledge facilitation, diversity and inclusion to succeed in a competitive health care market. She has the ability to anticipate, strategize, create and execute initiatives for successful results. She excels at systems thinking/expertise, strategic planner, process improvement. Her specialties include: Strategic Planning and Operations; Systems Expertise and Assessment; Diversity, Inclusion, Cultural Competency; Health Literacy; Bioethics; Coaching and Consultation for Practitioners and Executives; Process & Performance Improvement.
STEINER, Chris

Charles Steiner has over 25 years of experience in medical technology development. Prior to joining CCI, Charles was a product development engineer for the Center for Neurological Restoration and a business and technology developer for the Center for Minimally Invasive Surgery at Cleveland Clinic. His contributions have been in the field of surgical navigation for cranial and spinal indications, neuromodulation for movement and cognitive indications as well as neuromodulation for headache and autonomic indications.

Charles received his BS in chemistry and computer science from Case Western Reserve University.
Nirlipta Swain, a Research Scholar at Ravenshaw University, Cuttack, India. Concurrency she is working as a Project Fellow at NISER. She received her Master of Science degree in Zoology at Utkal University, specializing in Applied Zoology and Biotechnology. She has a number of publications and her research specialization includes oxidative stress, TRP channels, cell-biology and proteomics. Nirlipta presented a paper on “Oxidative Stress in sperms: Role of TRP channels” at the 2nd National conference of Indian Society of Assisted Reproduction in 2015 and was awarded the Yuva ISAR award for best research in the reproductive field. Currently Nirlipta is a Visiting Research Student at the American Center for Reproductive Medicine, at the Cleveland Clinic, USA.
YOUNG, James B., M.D.

Dr. Young is Professor of Medicine and Executive Dean, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University and Chairman, Endocrinology and Metabolism Institute. He is also Physician Director of Institutional Relations and Development and a Medical Director of the Kaufman Center for Heart Failure. He holds the George and Linda Kaufman Chair and is the Study Chairman of the NIH, FDA, and CMS Interagency Registry for Mechanical Circulatory Assist Support (INTERMACS). He has a joint appointment to the Clinic’s Multi-organ Transplant Center. Dr. Young is certified as a Diplomat of the American Board of Internal Medicine as well as the subspecialty of Cardiovascular Disease and holds medical licensure from the states of California, Illinois, Ohio, Pennsylvania and Texas.

Dr. Young spent his early years in the San Francisco Bay Area and then attended the University of Kansas, where he received his Bachelor of Arts degree with Honors in Biology and was a resident of Stephenson Scholarship Hall. He matriculated to Baylor College of Medicine in Houston, Texas, where he was awarded his Medical Doctor degree with honors in 1974 and was elected to the Alpha Omega Alpha medical honor society. Dr. Young remained in Houston at the Baylor Affiliated Hospitals to complete his clinical training, joining the faculty, and becoming a Professor of Medicine with Tenure in 1992. He was the Clinical Coordinator and Scientific Director for Dr. Michael E. DeBakey’s Multi-organ Transplant Center at The Methodist Hospital and Baylor College of Medicine. He subsequently relocated to the Cleveland Clinic, Cleveland, Ohio, in 1995 when he became Head of the Section of Heart Failure and Cardiac Transplant Medicine in the Department of Cardiovascular Disease. In 1998 Dr. Young, along with his surgical colleague Dr. Patrick McCarthy, created the Kaufman Center for Heart Failure at the Cleveland Clinic.

Dr. Young’s research activities began during his residency and fellowship training when he was a Lipid Research Clinic (LRC) physician. He subsequently focused his efforts on heart failure, mechanical circulatory support, and cardiac transplant therapeutics including early experiences with dopamine receptor agonists, angiotensin-converting enzyme inhibitors, beta blockers, calcium channel blockers, angiotensin receptor blockers, many new immunosuppressants, and a variety of parenteral inotropes and vasodilators. He has collaborated extensively with his basic science research associates focusing on “translational” research with respect to the molecular biology of cardiac remodeling, allograft arteriopathy, and transplanted heart rejection.

Dr. Young served as the United States Principal or Co-Principal Investigator for the HOPE, RESOLVED, SPICE, VMAC, MIRACLE-ICD, RED-HF, ACCLAIM, ONTARGET, TRANSCEND, and CHARM multi-center clinical trials. He has participated in over 150 clinical trials as an investigator. Dr. Young has published almost 600 manuscripts and several textbooks. Professionally, Dr. Young is most proud of his contributions to the development and administration of donor organ procurement programs, his efforts to secure recognition for the newly emerging cardiology subspecialty of “Heart Failure and Cardiac Transplant Medicine”, his collaborations with basic and clinical scientists, his contributions to a unique medical school curriculum, and the programs that he helped develop in Houston and Cleveland.