



"Hibiscus Shadow"
photo by R.F. Lockey

UNIVERSITY OF SOUTH FLORIDA MORSANI COLLEGE OF MEDICINE

Division of Allergy and Immunology
Department of Internal Medicine
Joy McCann Culverhouse Airway Disease Research Center
and The James A. Haley V.A. Medical Center
Tampa, Florida

2018 Annual Report



13000 Bruce B. Downs Blvd., (111D)
Tampa, Florida 33612
Phone: (813) 972-7631
Fax: (813) 910-4010

<http://health.usf.edu/medicine/internalmedicine/allergy/index.htm>



Dedication:

Dedicated to the volunteer faculty members who serve or have served in the Section of Allergy/Immunology, Department of Internal Medicine, James A. Haley Veterans' Hospital, Tampa, Florida.

These include: Hugh Windom, MD, Ed Stewart, MD; Brett Stanaland, MD; Jennifer Fergeson, DO; and Thomas Johnson II, MD.

The Section of Allergy/Immunology, Department of Internal Medicine, James A. Haley Veterans' Hospital, is part of the Division of Allergy/Immunology, Department of Internal Medicine, University of South Florida Morsani College of Medicine, Tampa, Florida.



Hugh Windom, MD



Ed Stewart, MD



Brett Stanaland, MD



Jennifer Fergeson, DO



Thomas Johnson, II, MD

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MORSANI COLLEGE OF MEDICINE

UNIVERSITY OF SOUTH FLORIDA

DIVISION OF ALLERGY AND CLINICAL IMMUNOLOGY (A/I)
DEPARTMENT OF INTERNAL MEDICINE
V.A. MEDICAL CENTER
13000 BRUCE B. DOWNS BOULEVARD (111D)
TAMPA, FLORIDA 33612
(813) 972-7631
FAX: (813) 910-4041



FACULTY

RICHARD F. LOCKEY, M.D.
Professor; Medicine, Pediatrics & Public Health
Division Director, Internal Medicine A/I
Joy McCann Culverhouse Chair

JOHN W. SLEASMAN, M.D.
Professor; Pediatrics & Medicine
Chief, Pediatric A/I & Rheumatology

NOORBIBI K. DAY-GOOD, Ph.D.
Professor Emer; Pediatrics, Medicine & Public Health

ROGER W. FOX, M.D.
Professor; Medicine, Pediatrics & Public Health

DENNIS K. LEDFORD, M.D.
Professor; Medicine & Pediatrics
Mabel & Ellsworth Simmons Professor

GARY LITMAN, Ph.D.
Professor; Pediatrics & Medicine

MARK C. GLAUM, M.D., Ph.D.
Associate Professor; Medicine & Pediatrics

MITCHEL J. SELEZNICK, M.D.
Associate Professor; Medicine

SANDRA G. GOMPF, M.D.
Associate Professor; Medicine

NARASAIHAH KOLLIPUTTI, Ph.D.
Associate Professor; Medicine & Pediatrics

MICHAEL TENG, Ph.D.
Associate Professor; Medicine & Pediatrics

MARK BALLOW, M.D.
Professor; Pediatrics & Medicine

PANIDA SRIARON, M.D.
Assistant Professor; Pediatrics & Medicine

JENNIFER LEIDING, M.D.
Assistant Professor; Pediatrics & Medicine

JIA-WANG WANG, Ph.D.
Assistant Professor; Medicine & Pediatrics

GLENN WHELAN, Pharm.D.
Clinical Assistant Professor; Medicine

ENRIQUE FERNANDEZ-CALDAS, Ph.D.
Clinical Professor; Medicine

MANDEL SHER, M.D.
Professor; Pediatrics & Medicine

NATHAN TANG, M.D.
Associate Professor; Pediatrics & Medicine

MONROE J. KING, D.O.
Adjunct Clinical Associate Professor; Medicine

BRETT E. STANALAND, M.D.
Clinical Associate Professor; Medicine

G. EDWARD STEWART II, M.D.
Clinical Associate Professor; Medicine

HUGH H. WINDOM, M.D.
Clinical Associate Professor; Medicine

BLANCA CAMARETTI-MERCADO, Ph.D.
Ass't Professor; Personalized Med & Medicine

ROSA CODINA, Ph.D.
Clinical Assistant Professor; Medicine

MARY L. JELKS, M.D.
Clinical Assistant Professor; Medicine

RONALD T. PURCELL, M.D.
Clinical Assistant Professor; Medicine

December 31, 2018

I. GREETINGS!

The late Samuel C. Bukantz, M.D., founded the Division of Allergy and Immunology, Department of Internal Medicine, at the University of South Florida Morsani College of Medicine, in 1972. Richard F. Lockey, M.D. succeeded Dr. Bukantz in 1983 and is the current Director of the Division. Mrs. Joy McCann Culverhouse endowed the Division in 1997 and The Joy McCann Culverhouse Airway Disease Research Center was dedicated in February 1998. In 1998, Mabel and Ellsworth Simmons endowed the Division with a grant for education and research. The Division was selected as a World Allergy Organization (WAO) Center of Excellence for the 2016-2019 term, one of ten throughout the world.

The goals of the Division are: first, to provide care to patients with allergic and immunologic diseases at the University of South Florida Morsani College of Medicine, Tampa General Hospital, James A. Haley V.A. Medical Center, and H. Lee Moffitt Cancer Center; second, to train students, residents, and fellows in the subspecialty of allergy and immunology; and third, to conduct basic and clinical research in allergy, asthma, and immunology.

Individuals interested in collaborating with members of the Division may contact Richard F. Lockey, M.D. or any faculty member at (813) 972-7631 (email: rlockey@health.usf.edu).

Jolan Walter, M.D., Ph.D., Associate Professor of Pediatrics, Division Chief, Pediatric Allergy & Immunology, can be contacted at (813) 259-8705 (email: jolanwalter@health.usf.edu).

Richard F. Lockey, MD
Distinguished University Health Professor
Professor of Medicine, Pediatrics & Public Health
Joy McCann Culverhouse Chair of Allergy and Immunology
Director, Division of Allergy and Immunology
University of South Florida Morsani College of Medicine
Department of Internal Medicine



Division Faculty, Fellows, and Staff

First row: Catherine Renee Smith, Michael Teng, PhD, Seong Cho, MD, Farnaz Tabatabaian, MD, Tara Saco, MD, Peggy Hales, Claudia Gaefke, MD, Blanca Camoretti-Mercado, PhD, Amber Pepper, MD, Mark Glaum, MD, PhD.

Second row: Dennis K. Ledford, MD, Jutaro Fukumoto, MD, PhD, Raul Viliarreal, MD, Shiven Patel, MD, Narasiah Kolliputi, PhD, Juan Carlos Cardet, MD, Michelle Twitmyer, Thomas Casale, MD, Kirk Shepard, MD.

Picture taken Fall 2018

II. FACULTY

Core Faculty

Richard F. Lockey, M.D., University Distinguished Health Professor; Professor of Medicine, Pediatrics, and Public Health; Division Director; Joy McCann Culverhouse Chair of Allergy and Immunology

Thomas B. Casale, M.D., Professor of Medicine and Pediatrics

Roger W. Fox, M.D., Professor of Medicine, Pediatrics and Public Health

Dennis K. Ledford, M.D., Professor of Medicine and Pediatrics; Mabel & Ellsworth Simmons Professor

Seong H. Cho, M.D., Associate Professor of Medicine and Pediatrics

Mark C. Glaum, M.D., Ph.D., Associate Prof. of Medicine and Pediatrics, Training Program Director

Narasaiah Kolliputi, Ph.D., Associate Professor of Medicine and Pediatrics

Michael N. Teng, Ph.D., Associate Prof. of Med. and Ped., Associate Dean, PhD and Postdoctoral Programs

Blanca Camoretti-Mercado, Ph.D., Assistant Professor of Medicine and Pediatrics

Juan Carlos Cardet-Guisasola, M.D., Assistant Professor of Medicine and Pediatrics

Lakshmi Galam, Ph.D., Assistant Professor of Medicine

Farnaz Tabatabaian, M.D., Assistant Prof. of Medicine and Pediatrics, Assistant Program Director

Clinical Faculty

Enrique Fernandez-Caldas, Ph.D., Clinical Professor of Medicine

Donald C. Lanza, M.D., Clinical Professor of Medicine

Hugh H. Windom, M.D., Clinical Professor of Medicine

Brett E. Stanaland, M.D., Clinical Associate Professor of Medicine

G. Edward Stewart II, M.D., Clinical Associate Professor of Medicine

Rosa Codina, Ph.D., Clinical Associate Professor of Medicine

Jennifer E. Ferguson, D.O., Clinical Assistant Professor of Medicine

Thomas L. Johnson, II, M.D., Clinical Assistant Professor of Medicine

Alla Solyar, M.D., Clinical Assistant Professor of Medicine

Jia-Wang Wang, Ph.D., Clinical Assistant Professor of Medicine

Joint Faculty

Jolan Walter, M.D., Ph.D., Robert A. Good Endowed Chair in Immunology; Associate Professor of Pediatrics & Medicine; Chief, Pediatrics Division of Allergy & Immunology

Mark Ballow, M.D., Professor of Pediatrics and Medicine

Noorbibi K. Day-Good, Ph.D., Professor Emeritus; Pediatrics, Medicine & Public Health

Mandel R. Sher, M.D., Professor of Pediatrics and Medicine

Panida Sriaroon, M.D., Associate Professor of Pediatrics and Medicine, Training Program Director

Nathan Tang, M.D., Associate Professor of Pediatrics and Medicine

Jennifer Leiding, M.D., Associate Professor of Pediatrics and Medicine

Richard F. Lockey, M.D., M.S.

Dr. Richard F. Lockey received his B.S. degree from Haverford College, Haverford, Pennsylvania; M.D. from Temple University, Philadelphia, Pennsylvania (Alpha Omega Alpha); M.S. from the University of Michigan in Ann Arbor, Michigan where he trained in Internal Medicine and Allergy/Immunology (A/I) and was a Major and Chief of A/I at Carswell Air Force Base, Fort Worth, Texas, from 1970-1972. He received a medal in 2000 from the Florida Academy of Sciences, Tallahassee, Florida, for his dedication and work to improve the health and well-being of the community and citizens of Florida. He was also the recipient of the Southern Medical Society, Dr. Robert D. and Alma W. Moreton Original Research Award in 2012. The American Academy of Allergy Asthma and Immunology presented him with a Special Recognition Award in 1993, Distinguished Service Award in 1999, and Distinguished Clinician Award in 2008. He received the World Allergy Organization Gold Medal Award in 2018 and the Boy Scouts of America Distinguished Eagle Scout Award, 2018. He has the honor of authoring, co-authoring or editing over 750 publications and 35 books or monographs with colleagues and has lectured on numerous occasions nationally and internationally. He is the co-editor of two books and an encyclopedia of allergy/immunology, with Dennis K. Ledford, MD, published in 2014: *Asthma, Comorbidities, Co-Existing Conditions, and Differential Diagnoses*, Oxford University Press; *Allergens and Allergen Immunotherapy: Subcutaneous, Sublingual and Oral*, 5th edition, CRC Press/Taylor & Francis Group; and *Encyclopedia of Infection and Immunity*, Springer, Inc. Professional honors include President of the American Academy of Allergy Asthma and Immunology (1992), past Director of the American Board of Allergy and Immunology (1993-1998) and President of the World Allergy Organization (2010-2012). He has served as co-editor or participant of two WHO reports and served on many journal editorial boards. He received the World Allergy Organization Gold Medal Award in 2015.



Over 100 physician specialists and 55 international post-graduate PhDs or MDs in basic and clinical research and medicine, many of whom have assumed leadership positions in medicine throughout the world, have been trained in the Division. The Division's staff consists of 8 clinicians, 4 basic scientists, and approximately 60 other healthcare professionals including physicians and support and laboratory personnel.

Areas of expertise and research: insect allergy; allergen immunotherapy; asthma; inflammatory lung diseases; pulmonary fibrosis; co-morbid conditions of asthma; and sleep apnea.

Thomas B. Casale, M.D.

Before joining USF in October 2013, as Professor of Medicine and Chief of Clinical and Translational Research, Dr. Thomas Casale was Professor of Medicine and Medical Microbiology and Immunology and Chief of Allergy/Immunology at Creighton University, Omaha, Nebraska. He did an allergy/immunology fellowship at the National Institutes of Health, Bethesda, MD, where he was chief medical staff fellow. From 1984 to 1996 he was at the University of Iowa where he attained the rank of Professor of Medicine and Director of Allergy/Immunology.



Dr. Casale is a member of the American Thoracic Society and served on their Board of Directors; American Society for Clinical Investigation; and a Fellow of the American College of Physicians and both the American College and American Academy of Allergy Asthma and Immunology. He is a Past President of the American Academy of Allergy Asthma and Immunology and was the Executive Vice President for ten years until 2018. He is a past member of the Board of Directors of the World Allergy Organization. He also served on the American Board of Allergy and Immunology and was Chair from 2005-2006.

Dr. Casale's clinical and basic research interests are directed toward the determination and treatment of the pathophysiologic mechanisms involved in respiratory and allergic diseases. He has published over 400 scientific papers, reviews and chapters on these topics. He is the principal investigator of USF's American Lung Association Airways Clinical Research Center. His research is funded by the National Institutes of Health, the American Lung Association, the Patient Centered Outcomes Research Institute, and various industry sources.

Roger W. Fox, M.D.

Dr. Roger Fox completed his three years of internal medicine and two years of allergy/immunology at the University of South Florida Morsani College of Medicine in Tampa, Florida. He received his medical degree from St. Louis University School of Medicine.

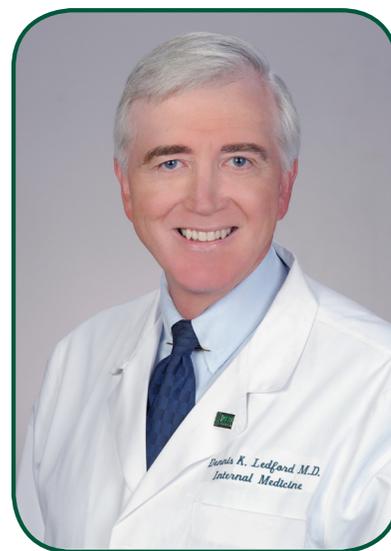
He has been elected to “The Best Doctors in America” for the past several decades and has helped train over 100 physicians in the specialty. He has published extensively and lectured locally, nationally and internationally and served on various boards, including the Hillsborough County Medical Association, the Florida Allergy Asthma and Immunology Society, of which he is a past-president, and numerous committees of the American Academy of Allergy Asthma and Immunology.



Dr. Fox has served as an attending physician for over 30 years at the James A. Haley Veteran’s Administration Hospital. He enjoys being a clinician and mentor and in that capacity, now sees patients as a volunteer staff member at this same hospital as well as clinics affiliated with the University of South Florida Morsani College of Medicine. He has staff privileges at Tampa General, Moffitt Cancer, James A. Haley Veteran’s and Florida Hospitals. His research interests include vocal cord dysfunction, acute and chronic urticaria and angioedema, comorbid conditions of asthma, allergic drug reactions and atopic eczema.

Dennis K. Ledford, M.D.

Dr. Dennis Ledford received his medical degree from the University of Tennessee Center for Health Sciences, Nashville, Tennessee. He completed his internal medicine residency there and served as chief medical resident for Dr. Gene Stollerman, M.D., Chairman of Internal Medicine at this same university. A fellowship in rheumatology and immunology followed at New York University and Bellevue Hospital in New York as well as a fellowship in allergy and immunology at the University of South Florida. He joined the faculty at USF Morsani College of Medicine and achieved the rank of professor of medicine in 2000.



Local and regional activities include past service as President of the USF Medical Faculty of the Morsani College of Medicine and President of the Florida Allergy Asthma and Immunology Society. He is current Head of the Allergy/Immunology Section, Florida Hospital and the James A. Haley VA Hospital, Tampa, FL. National contributions include prior service as President of the American Academy of Allergy Asthma and Immunology, an associate editor of the *Journal of Allergy and Clinical Immunology*, and chair of the Steering Committee for the American Academy of Allergy Asthma and Immunology Education and Research Trust Fund (AAAAI Foundation). He also served as Co-Chair of the American Council of Graduate Medical Education (ACGME), Allergy/Immunology Residency Review Committee and Director of the American Board of Allergy and Immunology. He currently serves on the editorial board of the *Annals of Allergy Asthma and Immunology*. Dr. Ledford received the Distinguished Service Award from the University of South Florida, 2018, and Distinguished Clinician Award from the American Academy of Allergy Asthma and Immunology and the World Allergy Organization, 2014-2015.

Clinical responsibilities and student and resident teaching are combined with research interests in severe glucocorticoid-dependent asthma and biologic therapy of allergic disease.

Seong Cho, M.D.

Dr. Seong Cho received his medical degree from Kyung-Hee University of Seoul Korea, February, 1989. He pursued post-doctoral research in the Division of Pediatric Allergy/Immunology, University of California Los Angeles (UCLA) California, 1997, after completing his ear, nose, and throat residency at the University Medical Center, Seoul Korea. After he completed his residency training in internal medicine in Tennessee and fellowship in the specialty of allergy/immunology, Department of Internal Medicine, Northwestern University of Chicago, Illinois to further enhance his goal of becoming a physician/scientist in this specialty in the USA, he became an assistant professor at Northwestern University.



He joined the Division of Allergy/Immunology, Department of Internal Medicine, University of South Florida College of Medicine February, 2015, where he was promoted to associate professor, August, 2016.

Dr. Cho is board certified in internal medicine, allergy/Immunology in the USA and otolaryngology in Korea. He received the American College of Allergy Asthma and Immunology (ACAAI) First Place Clemens von Pirquet Award, 2008, and the American Academy of Allergy Asthma and Immunology (AAAAI) GSK Fellow Career Development Award in 2009 during his fellowship in allergy/immunology. Other research awards include awards from the American Heart Association and National Institute of Health (NIH). His research interest includes the pathogenesis of asthma and chronic rhinosinusitis/nasal polyps and the role of mast cells in airway remodeling and other mast cell related disorders.

Widely published, he and his colleagues discovered that human mast cells are a novel and major source of plasminogen activator and inhibitor-1 (PAI-1), that mast cell-derived PAI-1 plays an important role in asthma and viral induced asthma exacerbation, and that PAI-1 inhibitor reduces asthma airway inflammation and remodeling. It is hoped that this research on PAI-1 will lead to the discovery of a novel biomarker of airway remodeling and cell- or gene- specific personalized therapeutic invention for severe asthma.

Another area of investigation is the age-related differences in the pathogenesis of chronic rhinosinusitis and nasal polyps for which he has a NIH K23 grant.

Mark C. Glaum, M.D., Ph.D.

Dr. Mark Glaum received a B.A. in psychology from Fordham University in New York, NY and a Master of Science in Physiology from the School of Graduate Studies at Hahnemann University. Dr. Glaum continued on at Hahnemann, where he was awarded an MD degree and a PhD in immunology. He completed internship and residency in internal medicine at Hahnemann Hospital and then pursued fellowship training in allergy and immunology at the University of Pennsylvania, where he received the Stanley E. Bradley Award for Bench Research in Internal Medicine. Dr. Glaum holds the rank of associate professor of medicine and pediatrics at the Morsani College of Medicine.



Dr. Glaum is board certified in internal medicine, and allergy and immunology. He became the Division's Fellowship Program Director in 2018. He is a fellow of the American Academy of Allergy Asthma and Immunology (AAAAI). He has been elected to "Top Doctors in America" for the last twelve years and enjoys teaching medical students, internal medicine residents and allergy/immunology fellows. He became a staff member of the James A. Haley Veterans' Hospital in 2016 where he sees patients. He also has staff privileges at Tampa General, Moffitt Cancer, and Florida Hospital Fletcher and Oak Hill Hospitals. He has served on the boards of the Allergy and Asthma Foundation of America and Hillsborough County Medical Society and is a past Chair of Rhinosinusitis and Ocular Allergy Interest Section of the American Academy of Allergy Asthma and Immunology. Dr. Glaum is the Director and Co-PI of the USF Food Allergy Research and Education Foundation Clinical Center of Excellence.

Dr. Glaum's research interests include food allergy, chronic rhinosinusitis, nasal polyps, mast cell biology, and pollen identification.

Narasaiah Kolliputi, Ph.D.

Dr. Narasaiah Kolliputi is an Associate Professor and Division Director of Research Education for the Division of Allergy and Immunology, Department of Internal Medicine, at the USF Morsani College of Medicine, Tampa, FL. He received his postdoctoral training at Massachusetts General Hospital, Harvard Medical School, Boston, MA. Prior to that time, he received his BS in biology and chemistry in 1997 followed by an MS in biochemistry in 1999 at Sri Venkateswara University, Tirupati, India. He then completed his PhD in 2004 in biochemistry at Osmania University, Hyderabad, India.



Dr. Kolliputi has published 70 papers, including a paper in *Circulation Research*, *Immunology*, and *Thorax*. He serves as a grant reviewer for the National Institutes of Health, VA Merit Grants, USA Department of Defense and the American Heart Association. He is an associate editor for *Frontiers in Pharmacology*, *Frontiers in Physiology*, *Frontiers in Genetics*, and *Frontiers in Mitochondrial Physiology* and is a guest associate editor for *Frontiers in Mitochondrial Physiology*. He is an editorial board member for *Translational Medicine*, and *Journal of Biocatalysis & Biotransformation*. Dr. Kolliputi's past and present research has been funded through several National Institutes of Health and American Heart Association grants as well as through local USF grants.

Dr. Kolliputi's research is focused on exploring the molecular mechanisms that drive pulmonary diseases. Specifically, his research explores the role of RNA-editing in Acute Respiratory Diseases (ARDS) as well as developing a mouse model that will recapitulate age-associated Idiopathic Pulmonary Fibrosis (IPF) in humans. Obtaining a greater understanding of these two subjects will inevitably lead to more and better therapeutic options for those suffering with these critical diseases.

He is working on translational strategies to attenuate oxidative stress mediated acute lung injury (ALI), pulmonary fibrosis and pulmonary arterial hypertension. He received the USF Theodore and Venett Askounes-Ashford Distinguished Scholar Award, 2018.

Michael N. Teng, Ph.D.

Dr. Michael Teng received his Ph.D. in immunology from the University of Chicago in 1993. He trained as a postdoctoral fellow studying viral pathogenesis at The Scripps Research Institute in La Jolla, CA. Subsequently, he became a research fellow at the National Institute of Allergy and Infectious Diseases, investigating the molecular biology of respiratory syncytial virus (RSV) and RSV vaccine development. In 2002, he accepted a faculty appointment in the Department of Biochemistry and Molecular Biology at the Pennsylvania State University, University Park, PA, where his laboratory continued studies on RSV pathogenesis.



Dr. Teng joined the faculty of the Division of Allergy and Immunology at USF Morsani College of Medicine (MCOM) in 2010 and is director of basic research in the Division. He holds joint appointments in the Departments of Pediatrics, Molecular Medicine, and Pharmaceutical Sciences (College of Pharmacy). Dr. Teng is currently Associate Dean of Ph.D. and Postdoctoral Programs in MCOM. He serves as a grant reviewer for the National Institutes of Health and the American Heart Association. His past and present research funding includes grants from the National Institutes of Health, the American Heart Association, Florida Department of Health, and contracts with pharmaceutical companies.

Dr. Teng's research focuses on the host-virus interactions important for RSV pathogenesis. In particular, he is interested in the mechanisms by which RSV inhibits innate immune responses to enhance viral replication. Understanding the interplay between RSV proteins and innate immunity may lead to the development of more immunogenic RSV vaccine candidates. Additionally, Dr. Teng studies the interactions between cellular signal transduction machinery and viral proteins, with a view to discovering potential targets for antiviral therapy.

Blanca Camoretti-Mercado, Ph.D.

Blanca Camoretti-Mercado received her Ph.D. degree from the University of Buenos Aires, Argentina and a post-doctoral fellowship at the University of Chicago where she later joined the faculty of the Section of Cardiology and ultimately the Section of Pulmonary and Critical Care in the Department of Medicine. In November, 2012 she was recruited to the University of South Florida. A recipient of diversity, mentor, and teacher awards, she is an active member of the American Thoracic Society (ATS), and recent past-chair of the Assembly on Respiratory Structure and Function (RSF). Dr. Camoretti-Mercado has served on the ATS Board of Directors and its Finance Committee and is the current chair of both the ATS PhD and Basic and Translational Scientists Working Group and the RSF Nominating Committee as well as a member of the Planning and Evaluation Committee. She has served as chair of the Program and Nominating committees, as a member of both the International Lung Health and the Members in Training and Transition Committees, and was the founding member of the ATS Science and Innovation Center. She organized and chaired numerous ATS symposia and poster discussions and has presented her studies in academic and non-academic institutions worldwide. She chaired the Women's Lung Conference of the American Lung Association (ALA, Chicago, ATS Chapter) and has been a reviewer for the National Institute of Health (NIH) and American Heart Association (AHA) Study Sections. She is on the editorial board of several journals.



Dr. Camoretti-Mercado has published over 50 scientific, reviews, and editorials and book chapters. Her research has been funded by NIH, AHA, ALA, and both the LAM and Blowitz-Bridgeway Foundations. She also received the inaugural award from the ATS Research Foundation.

Her translational investigations focus on the molecular bases, cellular signaling, and genomic determinants of lung dysfunction, applying state-of-the-art methodologies, bioinformatics and machine learning approaches. She cloned several genes involving the contractile mechanisms of airway smooth muscle, established the role and pathways of TGF action on gene expression and growth in this same tissue, and created pre-clinical models of airway remodeling and hyperresponsiveness. She studies the smooth muscle key effector of contraction and relaxation and source of inflammatory mediators as they contribute to asthma, COPD and LAM diseases and as a target for drug discovery.

Juan Carlos Cardet-Guisasola, M.D.

Juan Carlos Cardet, MD, MPH received his BS degree from Harvard University, Cambridge, Massachusetts in 2004; medical degree from the University of Puerto Rico, San Juan, Puerto Rico in 2008; and master in public health degree from Harvard University, Boston, Massachusetts in 2017. He completed his internal medicine training at the University of Connecticut in 2011, where he was given the Maxwell O. Phelps, M.D. award for scholarship, and the Hartford Hospital Outpatient Clinic Resident of the Year Award. He completed his Allergy and Immunology (A/I) training at Brigham and Women's Hospital/Harvard University in 2014. He served as an instructor in medicine at Harvard Medical School, and as the assistant director of the Asthma Research Center at Brigham and Women's Hospital from July 2014 until June 2017.



Dr. Cardet is an assistant professor in the USF Department of Internal Medicine. He specializes in the treatment of patients with asthma, chronic urticaria, chronic rhinitis, and other allergic and immunologic diseases. He is board certified in internal medicine and in A/I, and he is a fellow of the American Academy of Allergy Asthma and Immunology (AAAAI). He enjoys working with medical students, residents, and A/I fellows. His translational research focuses on understanding the pathophysiology of severe asthma with the aim of identifying novel therapies. He was awarded in 2017 a K23 grant by the National Institute of Allergy and Infectious Diseases (NIAID) so that he can pursue this endeavor. He is an investigator with the AsthmaNet, Severe Asthma Research Program (SARP), and PRECISE NHLBI research networks, and with the Airways Clinical Research Centers of the American Lung Association. He is the co-chair of the executive committee of the Patient Centered Outcomes Research Institute (PCORI)-funded PRECISE trial. He is a member of the European Respiratory Society/American Thoracic Society taskforce on severe asthma.

Lakshmi Galam, Ph.D.

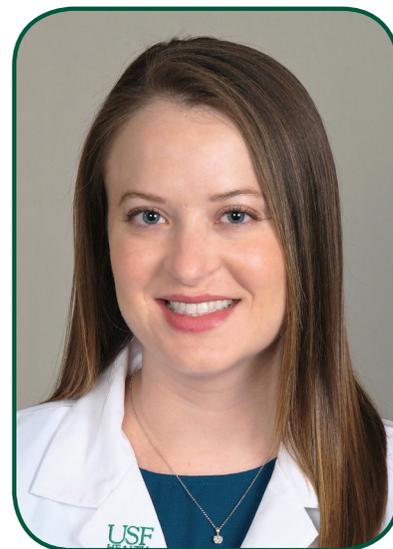
Dr. Lakshmi Galam is an assistant professor in the Division of Allergy and Immunology, Department of Internal Medicine, at the USF Morsani College of Medicine, Tampa, FL. She completed her postdoctoral training at Oklahoma State University, Stillwater, OK and Massachusetts General Hospital, Harvard Medical School, Boston, MA. Prior to that, she received her BS in biology and chemistry in 1996 followed by an MS in biotechnology in 1998 at Andhra University, Vishakapatnam, India. She then completed her PhD in genetics at Osmania University, Hyderabad, India, in 2004.



Dr. Galam has published 18 papers, including in *Free Radic Biol Med*, *Oncotarget*, and *Am J Physiol Lung Cell Mol Physiol*. She has experience in development and use of automated liquid handling systems integrated with high throughput analytical platforms and extensive experience in handling multiple types of primary cells for FACS-based analysis and HTS hit validation studies. She is working on understanding the mechanisms of oxidative stress with respect to SOCS-1 protection against hyperoxic acute lung injury. She is funded by the American Heart Association.

Amber N. Pepper, M.D.

Dr. Amber N. Pepper received her BS degree in Integrative Biology from the University of Florida, Gainesville, FL and MD degree from the University of South Florida Morsani College of Medicine, Tampa, FL. She was inducted into the Alpha Omega Alpha Honor Medical Society during her third year of medical school. She completed her residency in internal medicine (chief resident), and fellowship in allergy and immunology (chief fellow), at the University of South Florida Morsani College of Medicine. She joined the University of South Florida, Division of Allergy and Immunology, Department of Internal Medicine as an assistant professor in August 2018.



Dr. Pepper is board certified in internal medicine and allergy and immunology. She is also a member of the American Academy of Allergy, Asthma and Immunology and the American College of Allergy, Asthma and Immunology. She has authored abstracts and scientific review articles and enjoys teaching medical students, residents, and fellows.

She helps supervise the Division's Clinical Research Unit. Her research interests include food allergy and oral immunotherapy, allergic rhinitis, asthma, and urticaria.

Farnaz Tabatabaian, M.D.

Dr. Farnaz Tabatabaian received a B.S. in chemistry from Wright State University in Dayton, OH. Following graduation, she earned her Master of Science in Anatomy and Physiology at Wright State University where she had direct exposure to research in innate immunology and inflammation. She pursued an M.D. degree at Northeast Ohio University of Medicine, Akron, OH. She completed her internship and residency in internal medicine at the Wexner Medical Center, Ohio State University, and then did her fellowship training in allergy and immunology at the University of South Florida, Pediatric Division of Allergy and Immunology, Johns Hopkins All Children's Hospital, St. Petersburg, FL.



Dr. Tabatabaian is board certified in internal medicine and allergy and immunology. She enjoys teaching medical students, internal medicine residents and allergy/immunology fellows. She sees patients in internal medicine and allergy/immunology at the University of South Florida Morsani College of Medicine. Dr. Tabatabaian is involved in implementing and creating a curriculum in high value education for residents to help devise a way to decrease healthcare costs while providing excellence in care.

Dr. Tabatabaian's research interests include adult immunology with a focus on common variable immunodeficiency, inflammation and asthma, and the impact of nicotine on the bronchi and epithelial cells.



Faculty discussion, L to R: Seong H. Cho, MD, Roger W. Fox, MD, Mark C. Glaum, MD, PhD
Dona Shearer, RN, Dennis K. Ledford, MD

DIVISION OF ALLERGY AND IMMUNOLOGY

FELLOWS-IN-TRAINING

Claudia Gaefke, MD - First year fellow will graduate in June 2020. Dr. Gaefke received her medical degree from the University of Arizona. She completed her residency in internal medicine at the University of Arizona. Her interests include primary immunodeficiency, atopic dermatitis, asthma, immunotherapy, anaphylaxis, and health policy.

Raul Sergio Villarreal, MD - First year fellow will graduate in June 2020. Dr. Villarreal received his medical degree from the University of Texas Southwestern Medical Center in Dallas, Texas. He completed residency in internal medicine at the McGaw Medical Center of Northwestern University, Chicago. His primary interests include asthma, angioedema, food allergy, and clinical research.

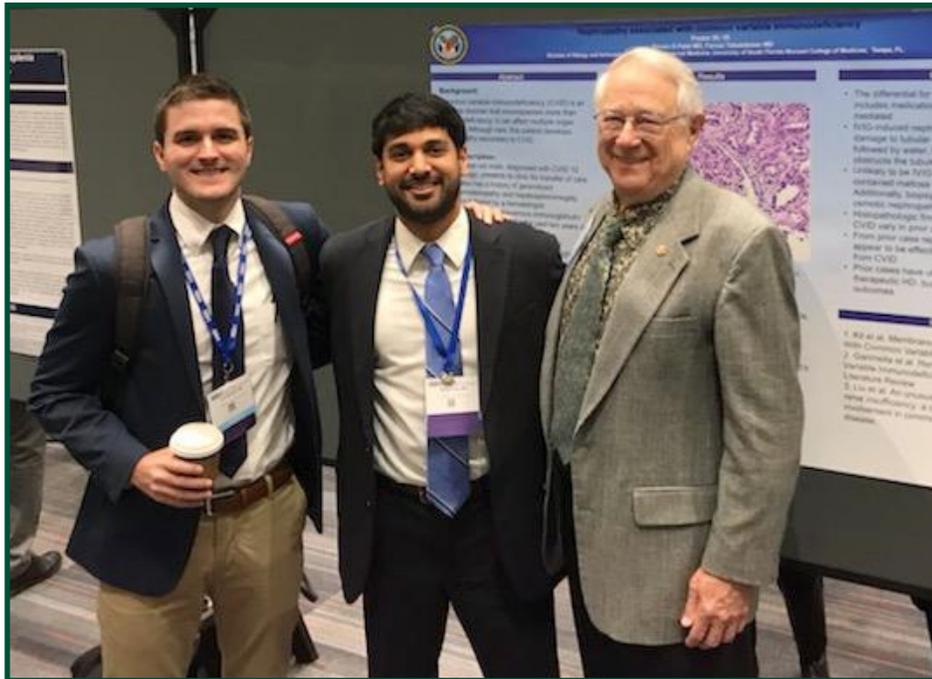
Shiven S Patel, MD - Second year fellow and chief resident, will graduate, June, 2019. Dr. Patel received his medical degree from the University of South Carolina School of Medicine, Columbia, South Carolina and completed his residency in internal medicine at University of South Florida Morsani College of Medicine, Tampa, FL. His primary interests include asthma, allergic rhinitis, and food allergy.

Tara V. Saco, MD - Second year fellow will graduate in June 2019. Dr. Saco received her medical degree from the University of South Florida Morsani College of Medicine. She completed her residency in internal medicine at this same institution. Her primary interests include asthma, anaphylaxis, mast cell disorders, primary immunodeficiencies, autoimmune disorders, urticaria and angioedema. She plans on pursuing a career in academics and clinical research with a focus on asthma and mast cell disorders.

Kirk Shepard II, MD - Second year fellow will graduate in June 2019. Dr. Shepard received his medical degree from Chicago Medical School in North Chicago, Illinois. He completed his residency in internal medicine at the Medical College of Wisconsin Affiliated Hospitals in Milwaukee, Wisconsin. Dr. Shepard's primary interests include asthma, food allergy, immunotherapy, and medical education.



L to R: Tara Saco, MD, Kirk Shepard, MD, Shiven Patel, MD, Raul Villarreal, MD and Claudi Gaefke, MD



Kirk Shepard, MD and Shiven Patel, MD, fellows-in training, with Richard F. Lockey, Division Chief, presenting their research project at the American Academy of Allergy Asthma and Immunology meeting in Orlando, Florida, March 2-5, 2018.



First row: Warit Jithpratuck, MD, Irina Dawson, MD, Claudia Gaefke, MD, Tara Saco, MD, Kirk Shepard, MD

Second row: Fatima Kahn, MD, and Shiven Patel, MD

RESEARCH STAFF MEMBERS

Matthew D. Alleyn, BS, Laboratory Technician

M. Helena Hernandez Cuervo, MD,

Jutaro Fukumoto, M.D., Ph.D., Research Associate

Ara Jo, Ph.D., Postdoc/Biological Scientist

Hannah Lee, BS, Laboratory Technician

Ramani Soundararajan, Ph.D., Scientific Researcher

Kim Teng, Senior Biological Scientist

Mason T. Breitzig, BS, Laboratory Administrator

STUDENTS

Emily Chan, Undergraduate Student

Alexander Czachor, BS, Laboratory Technician

Kevin Duan, Undergraduate Student

Sandy Hornung, Graduate Student

Sai Manasa Jandhyala, Volunteer Student

Sudarshan Krishnamurthy, Undergraduate Student

Muling Lin, Medical Student

Smita Saji, Volunteer Student

Sahebgowda Sidramagowda Patil, Graduate Student

ADMINISTRATIVE PERSONNEL

- * **Peggy Hales**, Program Assistant
- * **Rebecca Carter**, Administrative Secretary
- * **Geeta Gehi**, Administrative Secretary
- * Also James A. Haley Veterans' Hospital, Tampa, FL

DIVISION'S CLINICAL RESEARCH UNIT

Catherine Renee Smith, CMA, CCRC, Head Coordinator, Clinical Research Unit & American Lung Association Coordinator

Michelle Twitmyer, BS, CCRC, Clinical Research Coordinator

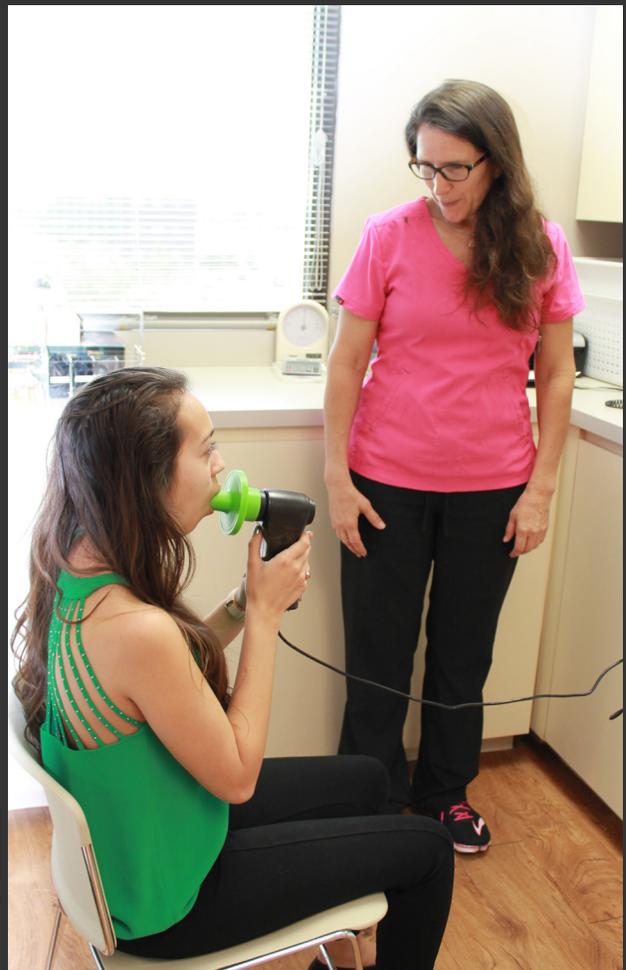
Tiffani Kaage, BS, CRC, Clinical Research Coordinator

Matt Baker, MS, Clinical Research Coordinator

Clinical Research Unit



Left to Right: Renee Smith , Supervisor, Michelle Twitmyer , Tiffani Kaage, and Matt Baker, who staff the USF Division's Joy McCann Culverhouse Airway Disease Research Center.



III. JOY MCCANN CULVERHOUSE AIRWAY DISEASE RESEARCH CENTER

Clinical Research Unit (CRU)

The University of South Florida, Asthma, Allergy and Immunology CRU was established in 1977 to improve the treatment of patients who suffer from asthma, allergic and immunologic diseases.

The CRU provides quality research in a variety of clinical areas which include the following: allergic conjunctivitis; allergen immunotherapy; allergen skin testing; allergic rhinitis; asthma; atopic eczema; bronchitis, acute and chronic; contact dermatitis; chronic obstructive pulmonary disease; exercise induced asthma; headache (migraine and tension); hereditary angioedema; immunodeficiency diseases; insect allergy; intravenous immunoglobulin; nasal polyps; sinusitis, acute and chronic; temporomandibular joint disease; urticaria and vasomotor rhinitis.

Studies funded by pharmaceutical companies are conducted at the Division's CRU. The CRU is also a member of the American Lung Association's Asthma Clinical Research Center network, one of 19 centers throughout the United States.

Clinical Research Unit (CRU) Studies

A PHASE III, RANDOMIZED, MULTICENTER, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL OF OMALIZUMAB IN PATIENTS WITH CHRONIC RHINOSINUSITIS WITH NASAL POLYPS

A DOUBLE-BLIND, RANDOMIZED, PLACEBO CONTROLLED STUDY OF THE EFFICACY AND SAFETY OF THREE DOSES OF ORVEPITANT IN SUBJECTS WITH CHRONIC REFRACTORY COUGH

OPEN-LABEL EXTENSION STUDY OF OMALIZUMAB IN PATIENTS WITH CHRONIC RHINOSINUSITIS WITH NASAL POLYPS WA40169

A PHASE 2/3 STUDY INVESTIGATING THE PHARMACOKINETICS, SAFETY, AND EFFICACY OF DUPILUMAB IN PATIENTS AGED ≥ 6 MONTHS TO < 6 YEARS WITH SEVERE ATOPIC DERMATITIS R668-AD-1539

AN OPEN-LABEL EXTENSION STUDY TO ASSESS THE LONG-TERM SAFETY AND EFFICACY OF DUPILUMAB IN PATIENTS ≥ 6 MONTHS TO < 18 YEARS OF AGE WITH ATOPIC DERMATITIS R668-AD-1434

A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO INVESTIGATE THE EFFICACY AND SAFETY OF DUPILUMAB ADMINISTERED CONCOMITANTLY WITH TOPICAL CORTICOSTEROIDS IN PATIENTS, ≥ 6 YEARS TO < 12 YEARS OF AGE, WITH SEVERE ATOPIC DERMATITIS R668-AD-1652

PATIENT EMPOWERED STRATEGY TO REDUCE ASTHMA MORBIDITY IN HIGHLY IMPACTED POPULATIONS (PREPARE)

A PHASE 3 RANDOMIZED WITHDRAWAL, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTI-CENTER STUDY INVESTIGATING THE EFFICACY AND SAFETY OF PF-04965842 IN SUBJECTS AGED 12 YEARS AND OVER, WITH MODERATE TO SEVERE ATOPIC DERMATITIS WITH THE OPTION OF RESCUE TREATMENT IN FLARING SUBJECTS B7451014

CHRONIC REFRACTORY COUGH COHORT STUDY (COCO)

LOSARTAN EFFECTS ON EMPHYSEMA PROGRESSION (LEEP)

PARENTAL RESPONSE USING A DAILY DIGITAL DIARY TO CAPTURE RESPIRATORY SYMPTOMS IN YOUNG CHILDREN WITH RECURRENT RESPIRATORY TRACT ILLNESSES (AMERICAN LUNG ASSOCIATION [ALA] NOVEL DIGITAL DIARY [ANDDI])

ASTHMA BMI BASELINE STUDY (ABBS)

A MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND, ACTIVE AND PLACEBO-CONTROLLED STUDY TO INVESTIGATE THE EFFICACY AND SAFETY OF LIGELIZUMAB (QGE031) IN THE TREATMENT OF CHRONIC SPONTANEOUS URTICARIA (CSU) IN ADOLESCENTS AND ADULTS INADEQUATELY CONTROLLED WITH H1-ANTIHISTAMINES CQGE031C2302

A RANDOMIZED, SUBJECT- AND INVESTIGATOR-BLIND, PLACEBO-CONTROLLED, MULTI-CENTER, MULTIPLE DOSE STUDY TO ASSESS THE EFFICACY AND SAFETY OF CJM112 IN PATIENTS WITH INADEQUATELY CONTROLLED MODERATE TO SEVERE ASTHMA CCJM112X2204

A PHASE II, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED PILOT AND DOSE-RANGING STUDY OF GDC-0853 IN PATIENTS WITH REFRACTORY CHRONIC SPONTANEOUS URTICARIA (CSU) GS39684

A PHASE II OPEN-LABEL EXTENSION STUDY TO EVALUATE THE LONG-TERM SAFETY AND EFFICACY OF FENEBRUTINIB IN PATIENTS PREVIOUSLY ENROLLED IN A FENEBRUTINIB CHRONIC SPONTANEOUS URTICARIA STUDY GS40868

HELP STUDY EXTENSION™: AN OPEN-LABEL STUDY TO EVALUATE THE LONG-TERM SAFETY AND EFFICACY OF DX-2930 FOR PREVENTION AGAINST ACUTE ATTACKS OF HEREDITARY ANGIOEDEMA (HAE) DX-2930-04

REAL-WORLD AR101 MARKET-SUPPORTING EXPERIENCE STUDY IN PEANUT-ALLERGIC CHILDREN, ACTIVE TREATMENT ARM OPEN-LABEL EXTENSION STUDY (RAMSES OLE) ARC011

A MULTICENTER, OPEN-LABEL, LONG-TERM SAFETY STUDY OF AR101 CHARACTERIZED ORAL DESENSITIZATION IMMUNOTHERAPY IN SUBJECTS WHO PARTICIPATED IN A PRIOR AR101 STUDY ARC008

PEANUT ALLERGY ORAL IMMUNOTHERAPY STUDY OF AR101 FOR DESENSITIZATION IN CHILDREN AND ADULTS (PALISADE) FOLLOW-ON STUDY ARC004

REAL-WORLD AR101 MARKET-SUPPORTING EXPERIENCE STUDY IN PEANUT-ALLERGIC CHILDREN AGES 4 TO 17 YEARS (RAMSES) ARC007

A PHASE 2, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY IN PEDIATRIC SUBJECTS WITH PEANUT ALLERGY TO EVALUATE THE EFFICACY AND SAFETY OF DUPILUMAB AS ADJUNCT TO AR101-CODIT (PEANUT ORAL IMMUNOTHERAPY) R668-ALG-16114

A STUDY TO EVALUATE THE EFFICACY AND SAFETY OF DUPILUMAB MONOTHERAPY IN PEDIATRIC PATIENTS WITH PEANUT ALLERGY R668-ALG-1702

IV. BASIC AND CLINICAL RESEARCH SUPPORT

ENDOWMENTS

Joy McCann Culverhouse Endowment and Chair in Allergy and Immunology

Mabel and Ellsworth Simmons Endowment and Professorship of Allergy and Immunology

(Both endowments are used to support research and teaching within the Division)

EXTRAMURAL FUNDING

Government Funding

National Institute of Allergy and Infectious Diseases

National Heart, Lung and Blood Institute

Florida Department of Health

Non-Profit Funding

American Lung Association

American Heart Association

Patient Centered Outcomes Research Institute

Food Allergy Network

Pharmaceutical Funding (past or present)

Ablynx, NV

Afferent

Aimmune Therapeutics

Almirall Pharmaceuticals

AstraZeneca COmpleware

CSL Behring

Cytos

Dyax Corporation

Forest Laboratories

Genentech Inc

GlaxoSmithKline

Jerini, US

Merck and Co., Inc.

MedImmune

Novartis Pharmaceuticals

Pfizer

Pharming Inc.

Roche

Sanofi-Aventis Pharmaceuticals

Schering-Plough Corporation

Shire

Stallergenes

Teva Pharmaceuticals

Vertex

Viropharma

V. FACULTY AND STAFF AWARDS

Alexander Czachor, BS: Samuel C. Bukantz Allergy-Immunology Outstanding Research/Leadership Achievement Award, 2018.

Enrique Fernandez-Caldas, PhD: Samuel C. Bukantz Allergy-Immunology Outstanding Research/Leadership Achievement Award, 2018.

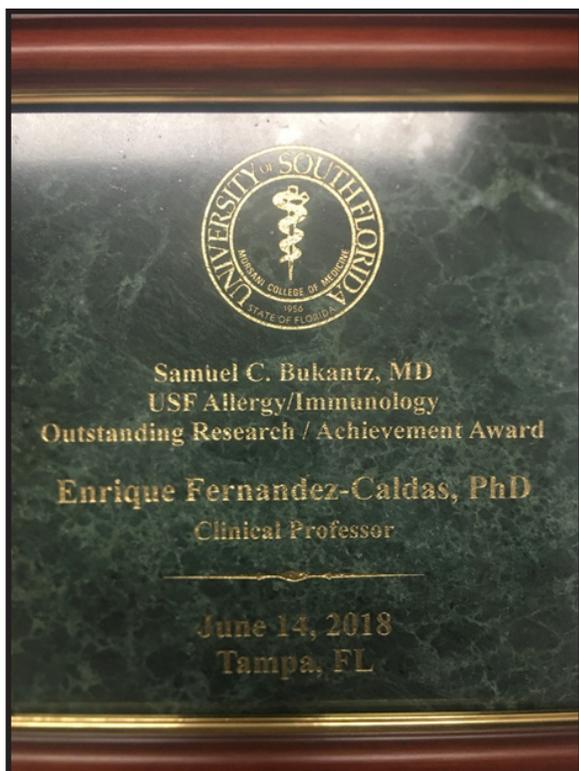
Helena Hernandez-Cuervo, MD: 10th Annual Graduate Student Research Award, 2018.

Narasaiah Kolliputi, PhD: USF Theodore and Venett Askounes-Ashford Distinguished Scholar Award, 2018.

Dennis K. Ledford, MD: The Distinguished Service Award from the University of South Florida, 2018, and the Southeastern Allergy, Asthma and Immunology Lifetime achievement award, 2018.

Richard F Lockey, MD: The World Allergy Organization Gold Medal Award, 2018, The Boy Scouts of America Distinguished Eagle Scout Award, 2018 and induction into the Robert A. Good Society (RGHS), 2018.

Michael N. Teng, PhD: USF Robert J. Grasso Award, 2018 for outstanding dedication to graduate education.



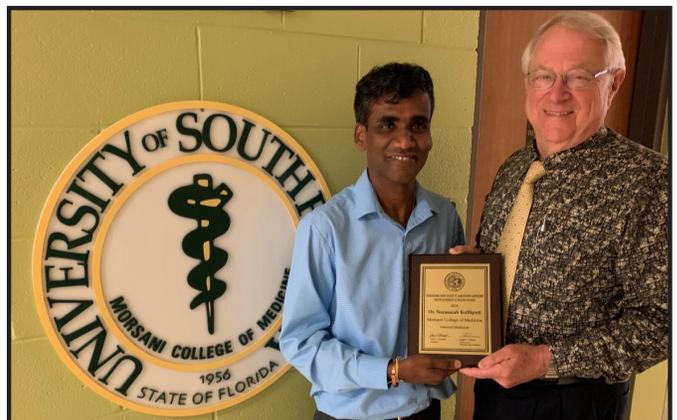
Samuel C. Bukantz, MD Award, Enrique Fernandez-Caldas, PhD.

Awarded for his outstanding service as a past faculty member and for his internationally recognized research work in the field of allergy and immunology.

Narasaiah Kolliputi, PhD, receiving the USF Theodore and Venett Ashkounes-Ashford Distinguished Scholar Award, 2018. L to R, Dr. Kolliputi receiving the award from Richard F Lockey, MD.”



Alex Czachor, second year medical student in Krakow, Poland, receiving the Samuel C Bukantz MD Award for his excellence in research in USF NK Kolliputi’s Research Laboratory as an undergraduate pre-med USF student. L to R: Alex, Narasaiah Kolliputi PhD and Richard F Lockey, MD.



VI. Major Accomplishments:

Division of Allergy and Immunology, Department of Internal Medicine

Selected as a World Allergy Organization (WAO) Center of Excellence for the term 2016 – 2019. The purpose of WAO Centers of Excellence is to intensify and accelerate multi-disciplinary scientific and clinical innovation, education, and advocacy worldwide providing excellence in education, research, and training to various stakeholders in allergy, asthma and clinical immunology.

Narasaiah Kolliputi, PhD

Received a new three-year grant (project period 09/01/2017 - 09/31/2020) from NHBLI/NIH entitled “Molecular Mechanisms of Hyperoxic Lung Injury” in the total amount of \$1,121,250.00.

Invited to serve as a new member of the Respiratory, Cell & Molecular Biology Program Committee for ATS 2017-2018.

Invited to serve as an editorial board member of the *AJP Lung* journal.

Served as Chairman and ad hoc study section member, National Institutes of Health/National Heart Lung and Blood Institute.

Richard F. Lockey, MD

Editor-in-Chief, *Impact*, USF Health, Approval in 2018 to publish case reports on *Impact* beginning 2019

Emma Westermann-Clark, MD

2017-2018 USF Research Grant Awardee

Research grant submission entitled “The role of Matrix Metalloproteinase 7 in a Novel Model of Idiopathic Pulmonary Fibrosis” selected for funding support as a part of the GME Research Grant Program, a part of the USF graduate medical education research program..

Richard F. Lockey, MD, Roger W. Fox, MD, Dennis K. Ledford, MD, Mark C. Glaum, MD, PhD, Thomas B. Casale, MD

Selected as “Tampa Top Doctors, 2018”.

VII. PUBLICATIONS FROM THE DIVISION

BOOKS PUBLISHED BY FACULTY

Lockey RF, Hoffman, DA (eds): The Early Years at The USF Morsani College of Medicine, First Hand Accounts of the Founding of the Department of Internal Medicine and Its Divisions. Published by KnightsBridge, 2018. Pages 1-299.

Lockey, RF. Underwritten by a grant to USF Foundation by Richard F. Lockey, MD, who wrote the Preface: Truitt, CA, Benway, MN (eds.) Promise Fulfilled: The Silver Anniversary of the James A. Haley Veterans' Hospital, Tampa 25 Years Caring for Those Who Have Borne the Battle. Silver Anniversary Planning Committee, 2018. pp 1-343 (copies of this book in the James A. Haley Veterans' Administration Hospital Library as well as the University of South Florida Morsani College of Medicine Library)

Lockey RF, Ledford DK (eds): Allergens and Allergen Immunotherapy for Allergic Diseases, Subcutaneous, Sublingual and Oral, 6th edition. CRC Press/Taylor & Francis Group, New York, NY, in preparation.

BOOK CHAPTERS PUBLISHED BY FACULTY AND TRAINEES

Lockey, RF: Preface. In: Promise Fulfilled: The Silver Anniversary of the James A Haley Veterans' Hospital, Tampa 25 Years Caring for Those Who Have Borne the Battle. Truitt, CA, Benway, MN (eds). Silver Anniversary Planning Committee, 2018. (copies of this book in the James A. Haley Veterans' Administration Hospital Library as well as the University of South Florida Morsani College of Medicine Library)

Carroll Jr M., Bulkhi AA, Lockey RF: Rhinitis and Sinusitis. In: Asthma, Allergic and Immunologic Diseases during Pregnancy: A Guide to Management. Namazy JA, Schatz M (eds). Springer, 2019. Chpt 5, pp 61-86

Lockey, RF: Preface and Allergy and Immunology. In: Promise Fulfilled: The Silver Anniversary of the James A. Haley Veterans' Hospital, Tampa 25 Years Caring for Those Who Have Borne the Battle. Truitt, CA, Benway, MN (eds). Silver Anniversary Planning Committee, 2018. (copies of this book in the James A. Haley Veterans' Administration Hospital Library as well as the University of South Florida Morsani College of Medicine Library)

Cho, S.H., Alandijani S., Lieberman, P. Allergic Diseases of the Eye and Ear. Patterson's Allergic Diseases. 2018. 8th Edition; 498-518.

Lin, C, Alandijani, S, Cho, S.H. Heterogeneity of Severe Asthma. Severe Asthma 2018 1st Edition.

SCIENTIFIC ARTICLES PUBLISHED BY FACULTY AND TRAINEES

PALISADE Group of Clinical Investigators, Vickery BP, Vereda A, Casale TB,...et al AR101 Oral Immunotherapy for Peanut Allergy. *N Engl J Med*. 2018 Nov 22;379(21):1991-2001.doi: 10.1056/NEJMoa1812856. Epub 2018 Nov 18. PubMed PMID: 30449234.

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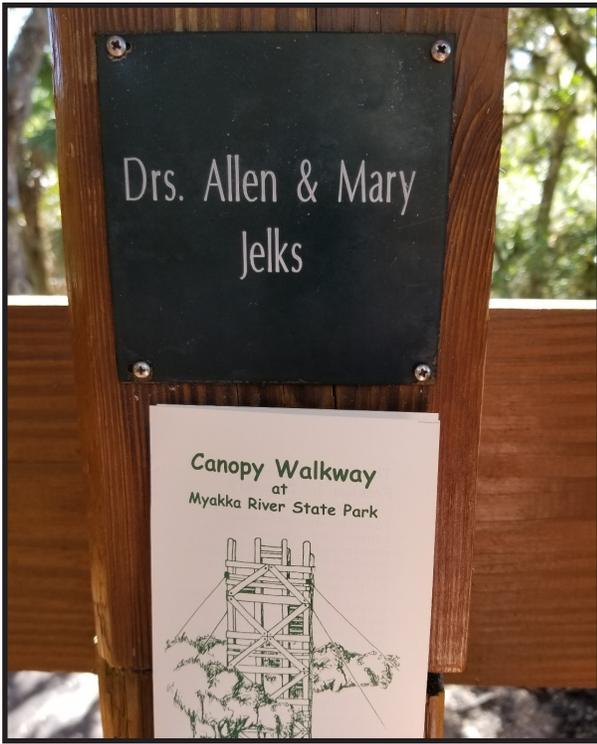
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Dr. Mary Jelks, MD was an affiliated faculty member in the Division for more than 30 years. She died March, 2018.

Dr. Jelks was a world expert on aeroallergen identification. She and her husband donated 600 acres for the Myakka River State Park, Florida.

Joseph Diaz, MD graduated as a trainee from the program in 1988. He is now in practice in San Antonio, Texas. He has been instrumental in funding the American Academy of Allergy Asthma and Immunology's Foundation, used to fund young scientists in the specialty. He received the Academy's Special Recognition Award in 2019 for this outstanding work. He also initiated the Academy "5K Run/Walk" at each year's meeting--a tremendous success.



Kirk Shepard, MD, fellow, 2017 – 2019
Made it for the 7 AM conference just in time!!

Westermann-Clark E, Pepper AN, Lockey, RF. Economic considerations in the treatment of systemic allergic reactions. *J Asthma Allergy*. 2018 Jun 20;11:153-158. doi: 10.2147/JAA.S159851.

Pepper AN, Bulkhi A, Smith CR, Collis M, Bergmann KC, Zuberbier T, Casale TB. Effects Of Exposure To New Car Interiors In Patients With Asthma And Allergic Rhinitis. *Allergy Rhinol (Providence)*. 2018; 9: 1-4.

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TRAINEE ABSTRACTS

Patel SS, Jacobs J, Tabatabaian F. Hypogammaglobulinemia in a patient with Turner Syndrome (TS) and celiac disease. University of South Florida Annual Research Day in Tampa, FL in February 2018.

Westermann-Clark EV, Lockey RF. Cardiac transplantation and heparin desensitization. Poster at World Allergy Organization/AAAAI March 2018.

Saco TV, Lockey RF, Leiding JW. "Identifying the Root of the Problem: A Case of Recurrent Sinusitis due to Oroantral Communication." Poster presentation at the AAAAI Annual Meeting, March 2018, Orlando Florida.

Villarreal RS, Peters AT, et al., Antibiotic Use In Patients With Chronic Rhinosinusitis, With and Without Bronchiectasis, After Functional Endoscopic Sinus Surgery. Poster presentation at the AAAAI Annual Meeting, March 2018, in Orlando, FL.

Gaefke, CL, Borgstrom, M, Bime, C, Carr, T. Disparities in the Risk of Hospitalization for Food Anaphylaxis. Oral presentation at American Academy of Allergy, Asthma, and Immunology/World Allergy Organization Joint Congress. Orlando, Florida, March 3, 2018.

Westermann-Clark E, Lindsay D, Joychan S, Khan F, Jithpratuck W, Sriaroon P, Trotter JR, Duff C, Leiding JW, Walter JE. Cartilage hair hypoplasia detected on newborn screening. Poster accepted to Clinical Immunology Society meeting in Toronto, Canada, April 2018.

Shepard KV, Ujhazi B, Ellison M, Csomos K, Kumanovics A, Walter J, Tabatabaian F. A case of Good syndrome with autoimmune complications and large granular lymphocytic leukemia. Clinical Immunology Society Annual Meeting in Toronto, CA on April 26, 2018.

Saco TV, Lindsay D, Torgerson T, Leiding J. "Profound B cell lymphopenia in STAT1-GOF that improves post Ruxolitinib." Invited oral presentation at the annual CIS meeting April, 2018. Toronto, Canada.

Saco TV, Lindsay D, Torgerson T, Leiding J. “Profound B cell lymphopenia in STAT1-GOF that improves post Ruxolitinib.” Poster presentation at the annual CIS meeting April, 2018. Toronto, Canada.

Saco TV, Ledford DK. “A Chilling Case of Anaphylaxis: Is the Culprit Temperature or Peanut?” Invited oral presentation at the annual FAAIS meeting July, 2018. Orlando, FL.

Saco TV, Lindsay D, Torgerson T, Leiding J. “Profound B cell lymphopenia in STAT1-GOF that improves post Ruxolitinib.” Invited oral presentation at the CIS Summer School October, 2018. Fort Lauderdale, FL.

Patel SS, Lockey RF. Pruritic Lesions after Shaving. Florida Allergy, Asthma & Immunology Annual Meeting in Orlando, FL in July 2018

Hudey S, Saco TV, Cho S. “Seminal fluid sensitivity: abstinence is not the answer.” Poster presented at the annual ACAAI Meeting, November, 2018, Seattle, Washington.

Shepard KV, Corren J, Casale TB, Haselkorn T, Yang M, Iqbal A, Ortiz B, Busse WW. Effect of omalizumab on seasonal exacerbations in adolescents and adults with moderate-to-severe allergic asthma. American College of Asthma, Allergy, & Immunology Annual Meeting in Seattle, WA on November 18, 2018.

Shepard KV, Pepper A, Ledford DK. No Fun In Fungi: A Case of Allergic Fungal Rhinosinusitis. American College of Allergy, Asthma, & Immunology Annual Meeting in Seattle, WA on November 16, 2018.

Villarreal RS, Ledford DK, Tabatabaian F. Urticaria, Nausea, and Vomiting, is this still the GALT enzyme deficiency? A case of concomitant cow’s milk allergy and Galactosemia. American College of Allergy, Asthma, & Immunology Annual Meeting in Seattle, WA on November 16, 2018.

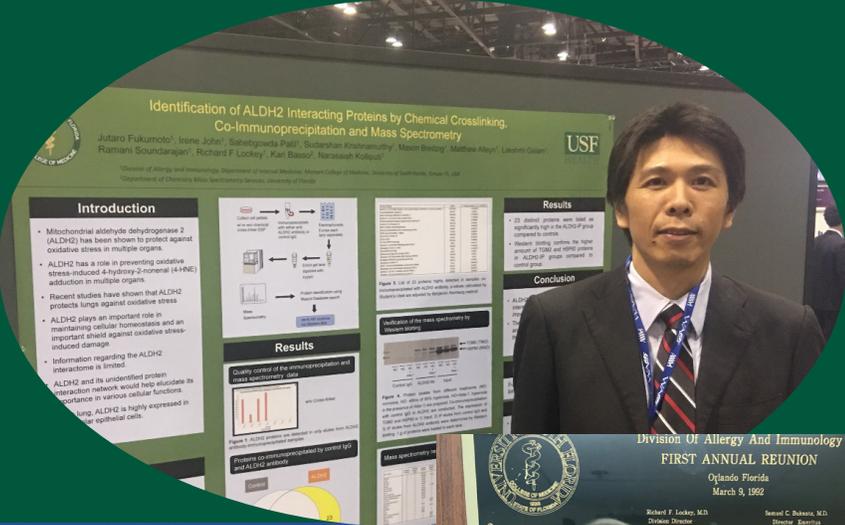
Patel SS, Cho SH. Iododerma and sialadenopathy after iodinated contrast media exposure. American College of Allergy, Asthma, & Immunology Annual Meeting in Seattle, WA in November 2018

Saco TV, Tabatabaian F. “Breathing for two: a case of severe eosinophilic asthma during pregnancy treated with benralizumab.” Poster presented at the annual ACAAI Meeting, November, 2018, Seattle, Washington.

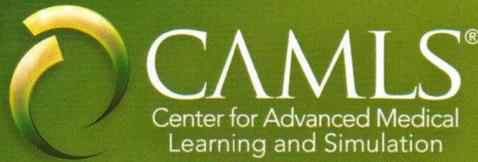
Pepper AN, Bulkhi A, Smith CR, Collis M, Zuberbier T, Casale TB. Effects Of Exposure To New Car Interiors On Patients With Asthma And Allergic Rhinitis. American Academy of Allergy, Asthma & Immunology Annual Meeting in Orlando, FL on March 5, 2018.

Hudey S, Pepper AN, Wong K, Glaum M, Lockey RF. Systemic Mastocytosis Masquerading as Eosinophilic Gastroenteritis. American Academy of Allergy, Asthma & Immunology Annual Meeting in Orlando, FL on March 2, 2018.

Pepper AN, Ledford DK, Lockey RF. Angioedema Vanishing Into Thin Air. USF Health Research Day in Tampa, FL on February 24, 2018.



Thanks to members of the Division!



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