

HENRY J. N. TAUB & JAMES K. ALEXANDER

MEDICAL STUDENT RESEARCH SYMPOSIUM

PAST HENRY J.N. TAUB YOUNG INVESTIGATOR AWARD RECIPIENTS

2021 Awardees

Basic Science

1st Place – Cynthia Truong

Epidermal Stem Cell Dysfunction Underlies Impaired Wound Repair in Aged Skin

Co-Authors: Yuxuan Miao, Rachel Niec, Shiri Gur-Cohen, Katie Stewart, and Elaine Fuchs

Educational Research

1st Place (Tie) – Kaelyn C. Cummins, Katherine M. Naeger

Medical Student Engagement with the COVID-19 Pandemic is Increased through Participation in a Pre-Clinical Elective

Co-Authors: Prathit A. Kulkarni

1st Place (Tie) – Gillean Kelly

Teaching High-value Care in the Clinical Undergraduate Medical Curriculum

Co-Authors: Anjay Batra, Jocelyn Greely, Doris Kung, Andrew Caruso, Navdeep Sekhon, William Huang, Stacey Rose, Nadia Ismail, and Christine Roth

1st Place (Tie) – Amelia Khoei, Niki Iranpour, Amber Song

Populations at Risk: Introducing Social Determinants of Health and Advocacy Training to First-Year Medical Students

Co-Authors: Trevor Hadley, Apoorva Thatavarty, Christopher Demetriades, Yuanyuan Zhou, Nital Appelbaum, Andrea Stolar, Joseph Kass, and Edward Poythress

Clinical Science

1st Place – Daniel Rodricks

Visual Outcomes of Open Globe Injury Patients with Traumatic Cataracts

Co-Authors: Asad Loya, Mohamed Mohamed, and Zaina Al-Mohtaseb

2nd Place (Tie) – Marisa Hudson

Discontinuation of Contact Precautions in patients with Hospital-Acquired MRSA and VRE Infections during the COVID-19 Pandemic – a Multicenter Experience

Co-Authors: Mayar Al Mohajer

2nd Place (Tie) – Poornima Tamma

Total Intravenous Anesthesia Compared to Traditional General Anesthesia in Shoulder Arthroscopy in the Beach Chair Position

Co-Authors: Lindsay Barrera, Anup Shah, and Behnam Sharareh

3rd Place (Tie) – Albert Han

Machine Learning Algorithm for Differentiating Epileptic and Non-epileptic Seizures

Co-Authors: Lauren Nakhleh, Steven Fussner, and Zulfi Haneef

3rd Place (Tie) – Sydney Wendt

Comparison of Five-Year Graft Survival Following Keratoplasty in the Veteran Population

Co-Author: Sumitra Khandelwal

4th Place (Tie) – Arin Drtil

Mortality After Revision Total Hip Arthroplasty

Co-Author: Mitzi S Laughlin, Emily Vidal, Ugonna N Ihekweazu, Robin N Goytia, Vasilios Mathews, and Anay R Patel

4th Place (Tie) – Maya Guhan

Challenges and Opportunities for Scaling up Infection Prevention and Control Programs in Rural District Hospitals of Tamil Nadu, India

Co-Authors: Mohan Kumar, Zachary Butzin-Dozier, and Jay Graham

2020 Awardees

Basic Science

1st Place – Sricharan Gopakumar

Stem Cell Delivery of Oncolytic Adenovirus DNX-2401 Following Surgical Resection for the Treatment of Glioblastoma in a Murine Model

Co-Authors: Joy Gumin, Marc Daou, Daniel Ledbetter, Malcolm McDonald, Anwar Hossain, Brittany Parker-Kerrigan, Shawn Hingtgen, Matthew Ewend, and Frederick F. Lang

2nd Place – Emilie A. K. Warren

The Chicken Chorioallantoic Membrane (CAM): A Platform for Assessing the *in vivo* Efficacy of Chimeric Antigen Receptor (CAR)-T Cell Therapy in Head and Neck Cancer

Co-Authors: Kershena S. Liao, Hsuan-Chen Liu, Caroline E. Porter, Masataka Suzuki, and Andrew G. Sikora

Educational Research

1st Place – Richa Lavingia

Teaching Psychiatry Residents to Recognize and Respond to Elder Abuse Through a Standardized Patient Encounter

Co-Authors: Jennifer Bryan, and Ali Asghar-Ali

2nd Place (Tie) – Margaret Lie, Maneesha Julakanti, Lucia Guerrero, & David Crawford

Homes Clinic Triage, Trauma, and Homelessness: Medical Student Training and Assessment

Co-Authors: Maria Jaramillo; Renata Wetterman; Wynne Zhang, and Anjali Aggarwal

2nd Place (Tie) – Sydney Wendt, Brandon Le, Chelsea Livingston

Eye Care Response Plan in Disaster Scenarios

Co-Authors: Amy Coburn

Clinical Science

1st Place (Tie) – Michael Shih

Videofluoroscopic Swallow Studies and Clinical Outcomes in Otherwise Healthy Children with Dysphagia

Co-Authors: Caroline Hudson, and Julina Ongkasuwan

1st Place (Tie) – Aanchal Thadani, Ashley Huang, Victoria Van Benschoten, & Zining Chen

Impact of Patient Discharge Initiative on Emergency Department Revisits

Co-Authors: Rohit Gupta, Daniel Wang, and Michael Jaung

2nd Place (Tie) – Rowland Pettit

Machine Learning Models Improve Post-Transplant Survival Predictions

Co-Authors: Stuart Corr, and Abbas Rana

2nd Place (Tie) – Elizabeth Sult Case

Interim Analysis: Quality of Life and Cervical Cancer Chemoradiation Treatment Compliance at a Safety-Net Hospital

Co-Authors: Michelle Ludwig

3rd Place (Tie) – Elizabeth L. Godfrey

Data-Driven Volume Thresholds Predictive of Improved Outcomes after Lung Transplantation

Co-Author: William C. Frankel, Erik E. Suarez, Gabriel Loor, Abbas Rana, and Kenneth K. Liao

3rd Place (Tie) – Ethan Loftspring

Effect of Cardiopulmonary Bypass Time (CPBT) on Outcomes after Left Ventricular Assist Device Implantation

Co-Authors: Christopher Ryan, Harveen Lamba, Gabriel Loor, and Harveen Lamba

2019 Awardees

Basic Science

1st Place – Emilie Warren

Expression of Novel Tardigrade Protein Protects T Cells from Oxidative Stress, A Strategy For Improving CAR-T Cell Therapy in Solid Tumors

Co-Authors: Tim Sauer, Cliona Rooney and Andrew Sikora

Educational Research

1st Place – Preeya Bhavsar, Courtney Pette & Jeremiah Lee

Addressing Gaps in Primary Care Education: A Primary Care Elective Created by Medical Students

Co-Authors: Fareed Khan, William Huang, Roger Zoorob and Anjali Aggarwal

Clinical Science

1st Place – Jeffrey Than

The Persistent Effects of 5A-Reductase Inhibitors Used in the Treatment of Androgenic Alopecia on Men's Health

Co-Authors: Mohit Khera, James Annaise, Ali Antar, Weitao Song, Boriss Losso, Alexander Pastuszak and Jorge Rivera-Mirabal

2nd Place (Tie) – Srisharan Gopakumar

Predictive Factors of Incomplete Aneurysm Occlusion after Endovascular Treatment with the Pipeline Embolization Device

Co-Authors: Georgios Maragkos, Luis Ascanio, Mohamed Salem, Santiago Gomez-Paz, Clemens Schirmer, Abhi Jain, Paul Foreman, Christoph Griessenauer, Peter Kan, Christopher Ogilvy, and Ajith Thomas

2nd Place (Tie) – Tahir Malik

Pathologic Vascular Invasion Correlates with Worse Outcome in Hepatoblastoma Patients Treated with Liver Transplantation

Co-Authors: Huirong Zhu, Tu-Anh Ha, Sarah Jane Commander, Christine Trautz, Rakesh Sindhi, Stephen Kim, Khashayar Vakili, Neeta Vachharajani, William Chapman, Alex Griesemer, Mercedes Martinez, John Goss, and Sanjeev Vasudevan

3rd Place (Tie) – Franciska Gudenkauf

Cancers Attributable to Overweight and Obesity in Texas by Race/Ethnicity

Co-Author: Aaron Thrift

3rd Place (Tie) – Rohit Gupta

Social Resources during Emergency Department Discharges: The Impact of a Volunteer Patient Discharge Initiative on Emergency Department Revisits

Co-Authors: Anthony Z. Wang, Daniel Wang, Karen Kurian, Thiago Halmer, and Michael S. Jaung

2018 Awardees

Basic Science

1st Place – Aditya Srivatsan

Enhancement of Acute Stroke Lesions on Non-Contrast CT Using Relative Signal Intensity Maps

Co-Authors: Soren Christensen, Maarten Lansberg

2nd Place – Julie Wu

Modulation of Protein Synthesis in Merkel Cell Carcinoma: Translational Regulation of Oncogenes and Therapeutic Implications

Co-Authors: Hung Doan, Rebecca Simonette, Deepika Narayanan, Qin He, Peter Rady, Stephen Tying

Educational Research

1st Place – Evan Fisch & Nathaniel Spezia-Lindner

Medical Student Physical Exam Rounds in the BCM Medicine Core Clerkship: A Pilot Program

Co-Authors: Giovanni Campagna II, Niraj Mehta

2nd Place – Angela Song

Re-Orienting Orientation: Designing a Curriculum to Introduce Students to the Social Determinants of Health

Co-Authors: Joseph Kass

Clinical Science

1st Place – Rowland Pettit

The Short-Term Impact of Concussion in the NBA: An Analysis of Player Longevity and Performance Loss

Co-Authors: Sergio Navarro, Prem Ramkumar

2nd Place – Matthew Muir

Comparison of Preoperative Language Mapping Modalities with Direct Cortical Stimulation

Co-Authors: Rajan Patel, Dhiego Bastos, Sujit Prabhu

3rd Place – Jessica Cao

The Influence of Healthcare Resource Availability and Socioeconomic Factors on Amputation Rates in Texas Counties

Co-Authors: Sherene Sharath, Nader Zamani, Neal Barshes

2017 Awardees

Basic Science

1st Place (Tie) – Julie Wu

Identification of Potential Therapeutic Targets for Merkel Cell Carcinoma

Co-Authors: Rebecca Simonette, Harrison, Nguyen, Peter Rady, Stephen Tyring

1st Place (Tie) – David Evans

Preclinical Evaluation of an Antibiotic-Eluting, Resorbable Bone Void Filler

Co-Authors: Zachary Ferrell, David W. Grainger, Kristofer D. Sinclair

2nd Place – Mark Michael

Design Requirements for a Novel, Tethered Capsule Endoscope for Esophageal Cancer Screening in Low Resource Settings

Co-Authors: Jennifer Carns, Alyssa Shapiro, Richard Schwarz, Sharmila Anandasabapathy, Rebecca Richards-Kortum

3rd Place – Kershena Liao

Chick Chorioallantoic Membrane Tumor Model to Assess Efficacy of Chimeric Antigen Receptor (Car) T-Cell Therapy

Co-Authors: Caroline Porter, Masataka Suzuki, Andrew G. Sikora

Clinical Science

1st Place – Jaden Kohn

Factors Associated with Reporting of Professionalism Violations by Medical Students

Co-Authors: Georgene Hergenroeder, Prateek Bhattacharya, George Polson, Philip Lupo, Anne Gill

2nd Place (Tie) – Michael Murri & Saagar Patel

Refractive Outcomes and Postoperative Complications in Resident Performed Sulcus Intraocular Lenses at Ben Taub General Hospital

Co-Authors: Shazia F. Ali, Cameron Clarke, Jonathon Kim, Mitchell P. Weikert, Zaina Al Mohtaseb

2nd Place (Tie) – Hannah Abrams

Estimating the Family Related Costs of an Outpatient Pediatric Complex Disease Encounter

Co-Authors: Hayden Leeds, Paibel Aquayo-Hiralso, Ricardo Flores, Aisha Jones, Jackson Huyng, Melody Hellsten, Heidi Russell

3rd Place (Tie) – Kavin Kanthasamy

Rates, Risk and Predictors of Barrett's Esophagus Recurrence after Radiofrequency Ablation in a Community Practice Setting: A National Veterans Cohort Study

Co-Authors: Mimi C. Tan, Allison G. Yeh, Daniel Kil, Lisa Pompeii, Xiaoying Yu, Hashem B. El-Serag, Aaron P Thrift

3rd Place (Tie) – Matthew Cherches, Zachary Solomon, & Kristin Pascoe

Men with Sperm Aneuploidy: Genetic Outcomes of Conception, Pregnancy Outcomes, and General Health

Co-Authors: Sohum Shah, Taylor P. Kohn, Alexander W. Pastuszak, Larry I. Lipshultz, Dolores J. Lamb

2016 Awardees

Basic Science

1st Place – Rachel Pferdehirt

Catel-Manzke Syndrome and TGDS: A Phenotypic and Genetic Discussion and Literature Review

Co-Authors: Mahim Jain, Maria Blazo, Brendan Lee, Lindsay C. Burrage

2nd Place – Anand Ganapathy

Contact Force Recovery Predicts Absence of Cardiac Perforation During Steam Pop Formation

Co-Authors: Alireza Nazeri, Krithika S Ganapathy; Mehdi Razavi

3rd Place – Michael Pohlen

Effect of Body Tilt Angle on Internal Jugular Vein Volumes in Healthy Subjects

Co-Authors: Eric Bershad

Clinical Science

1st Place – Taylor Kohn

Karyotype and Y-Chromosome Microdeletion for Men with Testicular Failure: A Cost-Effectiveness Analysis

Co-Authors: Grace Kohn, Stephen Pickett, Ranjith Ramasamy, Larry Lipshultz, Dolores Lamb

2nd Place – Stephen Grant

Cancer Disparities by Insurance Status: An Evaluation of the Survival, Epidemiology, and End Results (Seer) Program

Co-Authors: Gary Walker, Usama Mahmood

3rd Place – Jean-Huei Yau

Knowing & Growing: Enlightening High School Students about Sexual Health in a Sex-Positive Way

Co-Authors: William Huang

2015 Awardees

Basic Science

1st Place – Nasser Yaghi

Optimized Therapeutic Nanoparticle Delivery of Immune Modulatory Microrna in Preclinical Models for Glioma Treatment

Co-Authors: *Jun Wei, Ling-Yuan Kong, Yuuri Hashimoto, Edjah K. Nduom, Xiaoyang Ling, Neal Huang, Shouhao Zhou, Jonathan M. Levine, Virginia R. Fajt, Gwendolyn Levine, Brian F. Porter, Kiyoshi Tachikawa, Padmanabh Chivukula, David C. Webb, Joseph E. Payne, Amy B. Heimberger

2nd Place – Sara Cromer

HIV-1 Viral Protein R (VPR) Causes Inflammation of Adipose Tissue

Co-Authors: Agarwal N, Couturier J, Lewis DE, Balasubramanyam A.

3rd Place – Jebran Haddad

Effect of Lateral Meniscal Root Tear on the Stability of the Anterior Cruciate Ligament-Deficient Knee

Co-Authors: Theodore B. Shybut, Charles E. Vega, Jerry W. Alexander, Jonathon E. Gold, Philip C. Noble and Walter R. Lowe

Clinical Science

1st Place – Stephen Grant

Proton versus Conventional Radiotherapy for Pediatric Salivary Gland Tumors: Acute Toxicity and Dosimetric Characteristics

Co-Authors: David R. Grosshans, Anita Mahajan,

2nd Place – Jiwen Li

The Quality of Pain Treatment in Community-Dwelling Older Persons with Dementia

Co-Authors: A. Lynn Snow, Nancy Wilson, Melinda A. Stanley, Robert O. Morgan, Shubhada Sansgiry, Mark E. Kunik

3rd Place – Arame Thiam

Skin Ulcers in Patients with Spina Bifida in the Outpatient Setting

Co-Authors: Rebecca Jeun, Cynthia Tran

2014 Awardees

Basic Science

1st Place (Tie) – Sachin Allahabadi

Effects of Antibiotic Physicochemical Properties on Their Release Kinetics from Biodegradable Polymer Microparticles

Co-Authors: Henslee AM, Spicer PP, Yokota S, Petrichenko S, Bennett GN, Wong ME, Kasper FK, Mikos AG

1st Place (Tie) – Kapil Saxena

Human Intestinal Enteroid Cultures: A New Functional Model of Human Rotavirus Infection

Co-Authors: Sarah E. Blutt, Khalil Ettayebi, Xi-Lei Zeng, James Broughman, Sue E. Crawford, Margaret E. Conner and Mary K. Estes

3rd Place – Craig Labbate

Strial Dysfunction in Acute Oxidative Damage of the Cochlea

Co-Authors: Wright, A, Pereira, F.

Clinical Science

1st Place – Arina Chesnokova

Neighborhood Risk Factors, Neighborhood Norms, and Maternal Smoking by Latina Women

Co-Authors: Benjamin French, PhD, Deepa Camenga, MD, Douglas Wiebe, PhD and Katherine Yun, MD

2nd Place – Timothy Dunn

Cognition in Motion: Examining Cognitive Function During Variable Low Intensity Physical Movement

Co-Authors: Emily Rutledge, Kathleen Mundy, Margaret Taylor, Yoni Donner, Cecilia Valdes MD

3rd Place – Martin Huynh

Treating HBSC Disease Using Hydroxyurea and Phlebotomy

Co-Authors: Vivien Sheehan, MD, PhD

2013 Awardees

Basic Science

1st Place – Giselle Dutcher

Case-Based Learning With Inborn Errors Of Metabolism: or, How I Learned To Stop Memorizing and Love Medical School Biochemistry

Co-Authors: Luis A Umaña, Lorraine Potocki, MD

2nd Place – Meng Chen

Increased Proliferation of Cultured Conjunctival Epithelium in IFN- γ Deficient Mice

Co-Authors: Terry G. Coursey, Cintia S. de Paiva, Johanna T. Henriksson, De-Quan Li, Stephen C. Pflugfelder

3rd Place – Raghuvveer Puttagunta

Induction of the Unfolded Protein Response in Pediatric Acute Myeloid Leukemia

Co-Authors: Gaye Jenkins, Richard Sifers, PhD, Terzah Horton, MD, PhD

Clinical Science

1st Place – Derek Bernstein

Comparison of Magnification in Primary Digital Nerve Repair: Literature Review, Survey of Practice Trends, And Assessment of 90 Cadaveric Repairs

Co-Authors: Kristy L Hamilton, Christian Foy MD, Nancy J Petersen PhD, David T Netscher MD

2nd Place – Mediha Ahmad

Ca19-9 Response Following Chemoradiation Therapy for Locally Advanced Pancreatic Cancer an Early Surrogate for Eventual Survival Outcomes

Co-Authors: Sunil Krishnan, MD

3rd Place – Mohamad Fakhreddine

Poor Glycemic Control During Radiotherapy Contributes to Reduced Local Control And Overall Survival in Patients with Non-Small Cell Lung Cancer

Co-Authors: Zhongxing Liao, Yan Zhuang, Vikas Bhardwaj, Susan L. Tucker, Heath D. Skinner, John B. Heymach, Daniel R. Gomez, Ritsuko Komaki, and James Welsh

2012 Awardees

Basic Science

1st Place – Sannya Hede

Bradycardia Highlights Age-Related Ventricular Stiffness in Mice Regardless of Cause

Co-Authors: Thuy Pham, Alberto Allegre, George Taffet

2nd Place – Nancy Cheng

Most Negatively Charged Subfraction (L5) Of Plasma LDL Prolongs Action Potential Duration of Rat Cardiomyocytes via Lox-1 Receptors

Co-Authors: Jonathan Lu, Junping Sun, Geru Wu, Shahrzad Abbasi, Jia Zhang, Jie Cheng, Chu-Huang Chen, Yutao Xi

Clinical Science

1st Place – Prem Ramkumar

Rotation and Cortical Overhand of Tibial Trays in Tkr: The Effect of Implant Asymmetry

Co-Authors: Ismaily SK, Gold JE, Lawrie C, Incavo SJ, Noble PC

2nd Place – Joshua Liao

Lost In Translation! Using an Analogy to Improve Diabetes Education

Co-Authors: Rajagopal V. Sekhar, MD

3rd Place – Nisha Rathore

Pediatric Hodgkin Lymphoma: Are We Over-Scanning Our Patients?

Co-Authors: HM Eissa, JF Margolin, T Horton, K Kamdar, Z Dreyer, P Steuber, KR Rabin, M Redell, CE Allen, KL McClain, RP Guillerman, CM Bollard

2011 Awardees

Basic Science

1st Place – Brandy Scully

Promising In Vivo Remodeling Of A Small Intestinal Submucosa Patch Into Functional Myocardium: An Ovine Model

Co-Authors: Chris Fan, Jeffrey G. Jacot, G. Wesley Vick, Jeff Kim, Charles D. Fraser, Jr., K. Jane Grande-Allen, David L.S. Morales

2nd Place – Sophia Rangwala

Pralatrexate Selectively Induces Apoptosis and Synergizes With Bexarotene Through Up-Regulation Of P53/Bax/Puma In Cutaneous T-Cell Lymphoma Cells

Co-Authors: Xiang Zhang, Chunlei Zhang, Madeleine Duvic

3rd Place – Brett Johnson

MDM2 Inhibition with Nutlin-3a Strongly Suppresses Tumor Growth and Tumor Angiogenesis in an In Vivo Model of Neuroblastoma

Co-Authors: Dongbing Gao, Nikki Sikorski, Zaowen Chen, Jason Shohet, Eugene Kim

Clinical Science

1st Place – Harsha Mittakanti

A Novel Educational Approach For Medical Students: Short And Long-Term Retention Rates Using Interactive Medical Software Compared To Traditional Lecture-Based Format

Co-Authors: Michael Lara, Matthew Timberlake, Mary L. Brandt, Anuradha Subramanian

2nd Place – Tyler Murray

Reproducibility of Image Quality Assessment & Longitudinal Comparisons of the Effectiveness of Intensive Lipid Modification in Preventing the Progression of Peripheral Arterial Disease (Elimit) Study

Co-Authors: Eric Y. Yang, Justin T. Saunders, Anirudh Kumar, Gerd Brunner, Husam Athamneh, Salin S. Virani, Dipan J Shah, Carlos Bechara, Peter H Lin, Changyi Chen, Alan Lumsden, Christie M Ballantyne, Vijay Nambi, Joel D Morrisett

3rd Place – Erik Wolfswinkel

Breast Cancer Incidence In Adolescent Males Undergoing Subcutaneous Mastectomy For Gynecomastia: Is Pathologic Examination Justified?

Co-Authors: John C Koshy; Jonathan S Goldberg; Yimin Ge; Lior Heller

2010 Awardees

Basic Science

1st Place - Amanda Reeck

A correlate of protection against norovirus gastroenteritis

Co-Authors: O. Kavanagh, M. Estes, A. Opekun, D. Graham, R. Atmar

2nd Place - Michael Loudin

Genomic analysis reveals recurrent aberrations specific to Down syndrome and acute lymphoblastic leukemia

Co-Authors: J. Wang, J. Meyer, E. Leung, S. Plon, D. Bhojwani, S. Hunger, W. Carroll, K. Rabin

3rd Place - Dongni Yang

Signals about social status alter the expression of IQ and associated brain responses

Co-Authors: K. Kishida, K. Hunter-Quartz, S. Quartz, P.R. Montague

Clinical Science

1st Place - Randy Luo

The financial impact of joint registries in identifying poorly performing implants

Co-Authors: A. Brekke, P. Noble

2nd Place - Gary Walker

Population-based analysis of occult primary breast cancer with axillary nodal metastasis

Co-Authors: G. Smith, G. Perkins, J. Oh, W. Woodward, T.K. Yu, K. Hunt, K. Hoffman, E. Strom, T. Buchholz

3rd Place - Loyola Gressot

Management of atypical meningiomas following gross total resection

Co-Authors: E. St. Clair, F. DeMonte, R. Sawaya

2009 Awardees

Basic Science

1st Place (tie) - Christopher Liu

Prestin over-expression augments outer hair cell electromotility and is associated with cell death

Co-Authors: J.S. Oghalai

1st Place (tie) - Johnson, Jameel

Upregulation Of PD-L1 expression via TLR-4 signaling in human colonic Basic Science, Poster #5 myofibroblasts

Co-Authors: I. Pinkchuk, J. Saada, D.W. Powell

2nd Place - W. Marshall Guy

Deprotonation of docosahexaenoic acid is responsible for a hyperpolarizing shift of Prestin-associated charge movement

Co-Authors: A. Shazia, L. Rajagopalan, B. Farrell, F.A. Pereira, W.E. Brownell

3rd Place - Renea Sturm

Nicotinic receptors in the habenulo-interpeduncular system are necessary for nicotine withdrawal in mice

Co-Authors: R. Salas, J. Boulter, M. De Biasi

Clinical Science

1st Place - Ryan McConnell

Rapid, severe Thiopurine-induced myelosuppression in a Crohn's disease patient: implications for individualized, genetically-guided therapy

Co-Authors: V. Shah, G. Cyprus

2nd Place - Joseph Nichols

Understanding community health needs through triangulation

Co-Authors: E.M. Koers, C. Coello-Gomez, B.J. Selwyn, E.L. Brown, G.R. Parkerson, R.S. Day

3rd Place - Asaithambi, Rathi

Biology, social environment, and health: How family history and social conditions affect adult asthma

Co-Authors: B. Gorman

2008 Awardees

Basic Science

1st Place – Laura Rubinos

Adiponectin reserves hypoxia induced pulmonary artery hypertension (PAH) in male mice with deletion of PPAR- γ in smooth muscle cells (SMC)

Co-Authors: C. Guignabert, V. de Jesus Perez, M. Rabinovitch

2nd Place – Brion Williams

Decreased expression of MCP-1 in healing fetal arteries correlates with reduced inflammation and a lack of neointimal hyperplasia

Co-Authors: J.E. Hsu, R. Patel, C.W. Smith, O.O. Olutoye, D. L. Cass

3rd Place – Samir Amin

Overexpression of SOD-2 rescues reduced cerebral blood flow in the Tg2576 (APP) mouse model of Alzheimer's disease

Co-Authors: C. Massaad, L. Hu, E. Klann, R.G. Pautler

Clinical Science

1st Place – Heidi Hullinger

Does reduced femoral rollback inhibit kneeling?

Co-Authors: M Conditt, S. Isamaily, P. Noble, K. Mathis, B. Parsley

2nd Place – Grace Shou-En Sun

Risk of progression in stage I mycosis fungoides: are calcineurin inhibitors implicated?

Co-Authors: K. Vidulich, R. Talpur, P. Liu, M. Duvic

3rd Place – Jameel Johnson

A model for predicting type 2 vs. type 1 diabetes at presentation in the African-American pediatric population

Co-Authors: S. Bhatia, J.A. Noble