

CURRENT ADDRESS:
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CURRENT AFFILIATIONS

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| Manatee Memorial Hospital 206 2 nd St E, Bradenton, FL 34208 | Sept 1, 2018 - Present |
| Blake Medical Center 2020 59 th St W, Bradenton, FL 34209 | Sept 1, 2018 – Present |
| Lakewood Ranch Medical Center 8330 Lakewood Ranch Blvd, Lakewood Ranch, FL 34202 | Sept 1, 2018 – Present |
| Doctors Hospital of Sarasota 5731 Bee Ridge Road, Sarasota, FL 34233 | Sept 1, 2018 – Present |
| Manatee Surgical Center 601 Manatee Ave West, Bradenton, FL 34205 | Sept 12, 2018 – Present |
| Gulf Coast Surgery Center 411 2 nd St E, Bradenton, FL 34208 | Sept 1, 2018 – Present |

POST GRADUATE TRAINING

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| Orlando Health, Orlando, FL <ul style="list-style-type: none">• Colorectal Minimally Invasive Surgery Fellow | Aug 1, 2017 – July 31, 2018 |
| Abington Jefferson Health, Abington, PA <ul style="list-style-type: none">• General Surgery Categorical Resident• Certifications:<ul style="list-style-type: none">▪ Basic Life Support (Exp 6/6/2019)▪ Advanced Cardiac Life Support (Exp 6/6/2019)▪ Advanced Trauma Life Support (Exp 6/10/20)▪ Fundamentals of Laparoscopic Surgery (5/24/16)▪ Institute of Healthcare and Improvement, Basic Certification in Patient Safety (4/19/17)• Leadership:<ul style="list-style-type: none">▪ Quality, Outcomes, and Performance Improvement (QOPI) Committee (2015-2016)▪ Program Evaluation Committee (PEC) (2015-2017) | Aug 1, 2012 – June 23, 2017 |
| Allegheny General Hospital, Pittsburgh, PA <ul style="list-style-type: none">• General Surgery Preliminary Resident | July 1, 2012 – July 31, 2012 |

EDUCATION

Pennsylvania State University College of Medicine, Hershey, PA

Aug 11, 2008 – May 20, 2012

- M.D. Doctor of Medicine
- International Experience:
 - Penn State Hershey Pediatric Heart Surgery Mission – Guayaquil, Ecuador (Nov 2011)
 - International General Surgery Elective – Kolkata, India (Oct 2011)
- Honors/Awards: Member of the Doctors Kienle Center for Humanistic Medicine (2010-2012), Wild Onions Photography 1st Place (2010), Association of Faculty & Friends Research Allocation (2009), College Of Medicine Medical Student Research Award (2009)

Duke University, Durham, NC

Aug 23, 2004 – May 11, 2008

- B.S. Bachelor of Science
- Major: Chemistry, Biochemistry Concentration; Minors: Biology, German
- Cumulative GPA: 3.353/4.000
- Pre-medical Coursework: Introduction to Biochemistry (I/II), Inorganic Chemistry, Analytical Chemistry, Biophysical Chemistry, Sensory Signal Transduction, Elements Physical Chemistry, General Physics (I & II), Cell & Developmental Biology, Genetics/Molecular Biology, Organic Chemistry (I & II), Accelerated General Chemistry, Probability & Statistical Inference, Organismal Evolution
- Honors/Awards: Graduation with Distinction in Chemistry, Dean's List (Spring 2006, Fall 2007, Spring 2007), Delta Phi Alpha German Honorary Society, Our House Our Art Photography Contest Winner (2007)

Rochester Adams High School, Rochester Hills, MI

Sept 2000 – June 2004

- Cumulative GPA: 4.0/4.0
- Advanced Placement Courses (Score): Physics C Mechanics (5), Electricity & Magnetism (4), Chemistry (4), Calculus BC (5), Statistics (4), Language & Composition (4), German (5)
- Honors/Awards: Valedictorian, AP Scholar with Distinction, National Merit Finalist, Society of Women Engineers Madame Curie Medal

RESEARCH EXPERIENCE

Publications

- Das R. Endocrine. This Week in SCORE Quiz Series, The SCORE Portal, American College of Surgeons, Philadelphia, PA 2015.
- Rezvani, M., Sucandy, I., Das, R., Naglak, M. C., Bonanni, F. B., & Antanavicius, G. (2014). Venous thromboembolism after laparoscopic biliopancreatic diversion with duodenal switch: Analysis of 362 patients. *Surgery for Obesity and Related Diseases*, 10(3), 469-473. DOI: 10.1016/j.soard.2013.07.011.
- Farag, S., Das, R., Strosnider, W. H., & Wilson, R. T. (2015). Possible Health Effects of Living in Proximity to Mining Sites Near Potosí, Bolivia. *Journal of Occupational and Environmental Medicine*, 57(5), 543-551. DOI: 10.1097/JOM.0000000000000401.

Poster Presentations

- Das, R., Fei, P., Sucandy, I., Antanavicius, G. *Management of Duodenal Leiomyoma During Robotically-Assisted Laparoscopic Biliopancreatic Diversion with Duodenal Switch for Morbid Obesity.*
 - Southeastern Surgical Congress (February 21-24, 2015, Chattanooga, TN)
- Das, R., Farag, S., Wilson, R. T. *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians.*
 - OU International WaTER Conference (October 26-27, 2009, Oklahoma City, OK)
 - Medical Student Research Symposium (April 13, 2012, Hershey, PA)
 - Global Health Night (January 28, 2010)
- Das, R., Song, X., Seo, D., Goldschmidt, P. *Effects of osteopontin Knockdown on Atherosclerosis.*
 - State of North Carolina Undergraduate Research and Creativity Symposium (Nov 19, 2006, Raleigh, NC)
 - Duke University Department of Chemistry Independent Study Poster Session (April 20, 2007, Durham, NC)

Oral Presentations

- 3rd Annual Thomas L. Dent Lecture, Abington Jefferson Health, General Surgery Resident Case Presentation – Transanal Total Mesorectal Excision (TaTME) (May 5, 2016)
- Medical Student Research Symposium – The Effects of Heavy Metals in Potato Crops on the Renal Function of Indigenous Bolivians (April 14, 2012)
- World Culture Club of Hershey – Safe Water for Bolivian Highlands - Engineers, Scientists, and Medical Professionals Working Together (November 3, 2010)
- Global Health Lecture Series – Abroad Experiences with a Research Focus (November 19, 2009)
- Penn State Diversity Nursing Forum – Global Health & Safe Water in Bolivia
- National Cancer Institute Internship – Regulation of DNA Replication in *Vibrio cholerae* chromosome II (2005)

Internships

- Research Internships in Science and Engineering, German Academic Exchange Service (DAAD) May-July 2007
Max Planck Institute for Molecular Physiology, Department of Chemical Biology, Dortmund, Germany.
Principal Investigator: Herbert Waldmann, Supervisor: Bernhard Ellinger. *Identification of compounds acting on the wnt signaling pathway* – screen library of *wnt* genes, identify cellular targets, analyze cytotoxicity of compounds, determine kinetic parameters using purification and overexpression assay.

Conference Attendance

- Colorado Humanitarian Surgical Skills Workshop (June 4-5, 2016)
- Chicago Colorectal Symposium (April 2-3, 2016)
- Unite for Sight Global Health & Innovation Summit (April 18-19, 2009)

In Progress

- Sich, N., Das R., Hart, V., Pezzi, C. (2016). Migrating Calcified Abdominal Mass. (Case report, submitted to *American Surgeon*).
- Das, R., Vu, T. (2016). Two Synchronous Appendiceal Neoplasms in an Elderly Patient: A Treatment Dilemma. (Case report, submitted to *International Journal of Surgery Case Reports* 6/23/17, approval pending).
- Das, R., Mateo, A., Josloff, R., Naglak, M., Noonan, K. (2016). Limiting Post-operative Narcotic Use in Elective Laparoscopic Cholecystectomy. (Randomized controlled clinical trial, IRB approved).

Pennsylvania State University College of Medicine, Department of Public Health Sciences June – Aug 2009 Medical Student Research Project (MSR)

Principal Investigators: Riva Das, Sara Farag, Robin Taylor Wilson

- *The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians* – assessed heavy metal contamination of crops in mining regions of Bolivia due to acid mine drainage, and the subsequent effects on the health of communities in those regions

Max Planck Institute for Molecular Physiology, Department of Chemical Biology, Dortmund, Germany May – July 2007 Research Internships in Science and Engineering (RISE), German Academic Exchange Service (DAAD)

Principal Investigator: Herbert Waldmann, Supervisor: Bernhard Ellinger

- *Identification of compounds acting on the wnt signaling pathway* – screen library of *wnt* genes, identify cellular targets, analyze cytotoxicity of compounds, determine kinetic parameters using purification and overexpression assays

Duke University, Department of Medicine, Institute of Genome Sciences and Policy, Durham, NC Jan 2006 – May 2007

Howard Hughes Summer Scholar, Independent Study in Department of Cell Biology

Laboratory of Cardiology, Principal Investigators: Pascal Goldschmidt, David Seo, Neil Freedman

- *Effects of osteopontin Knockdown on Atherosclerosis* – constructed lentivirus for knockdown of *osteopontin* by cloning siRNAs for the gene into the pCMV-GIN-ZEO vector, and conducted knockdown experiments by infecting HEK293 and smooth muscle cell lines to study phenotypic effects on cells, also studied effects of *osteopontin* on smooth muscle cell migration in *osteopontin* knockout mice

Work Study Student, Duke Cancer Care Research Program (DCCRP) Sept 2007 – April 2008

Principal Investigators: Amy Abernethy, Michelle Pearce

- *Spirituality in End-of-life Cancer Patients* – administered surveys to patients, compiled results and entered data

National Institutes of Health, Bethesda, MD

May – July 2005

NIH Summer Internship Program in Biomedical Research, NCI Cancer Research Training Award

Laboratory of Biochemistry, Principal Investigator: Dhruba Chattoraj

- *Regulation of DNA Replication in Vibrio cholerae chromosome II* – determined expression of the gene *rctA* in chromosome II of *V. cholerae*, and studied its regulation by both genes *rctB* and *rctA*
- *Cloning an Array of λ-Phage Operators* – performed sequential cloning of 64 λ-phage operators into a pUC19 vector from a library of clones to build a unique, non-recombinant, stable plasmid for gene expression

Oakland University, Rochester Hills, MI

June – July 2004

Lab Research Assistant, Department of Biological Sciences, Principal Investigator: Anne Hitt

- *Membrane Protein Structure & Function of ponticulin in Dictyostelium* – shadowed Dr. Hitt in the laboratory setting, assisted with simple lab procedures such as Minipreps and running gels

Laboratory Skills/Techniques: tissue culture, bacteria culture, transformation, transfection, infection, titration, restriction enzyme digests, cloning, RT-PCR, DNA plasmid isolation/purification/extraction, western blotting, PolyAcrylamide Gel Electrophoresis, gene expression assays, immunofluorescence staining, FACS analysis, fluorescence microscopy

HEALTH-RELATED VOLUNTEER EXPERIENCE

Duke Summer Alumni Medical Mentorship Program

June – July 2006

Duke University Medical Center, Department of Pediatrics, Department of Surgery –

Shadowed Pediatric Cardiologist Dr. James Rene Herlong and Pediatric Cardiothoracic Surgeon Dr. James Jagers, accompanied doctors on grand rounds in the Pediatric Intensive Care Unit and clinical rounds in Duke Children's Hospital, attended weekly Cardiology conferences, interacted with patients in the ECHO lab, and observed numerous surgical procedures in the operating room, including correction for Atrial-Septal Defects, the Ross procedure, the Norwood procedure, Arterial Switch repair, surgery for Marfan's Syndrome, and surgery for the Tetralogy of Fallot

Health Careers Internship Program (Patient Care)

- Duke University Medical Center, Department of Hematology/Oncology, Unit 9300
Visited and talked to cancer patients about their experiences, shadowed Dr. Amy Abernethy
Sept – Dec 2005
- Duke University Medical Center, Department of Obstetrics/Gynecology, Unit 5700
Witnessed vaginal deliveries of babies, C-sections, circumcision, and provided care for newborn babies in the nursery
Jan – May 2006

Crittenteen

2001 – 2004

Volunteer in the Step-down Critical Care Unit, Crittenton Hospital, Rochester Hills, MI

LEADERSHIP, MENTORING, & VOLUNTEERISM

Philadelphia Doctors Chamber Orchestra – violinist

2012 – present

Global Health Interest Group

2008 – 2010

Student organization First Year Representative ('08-'09) and President ('09-'10), served as a point of contact between students and all global health-related groups on campus, contacted speakers and physicians for lectures and events, called group meetings, and attended Student Assembly meetings

American Medical Students Association

2008 – 2010

Chair of the Women's Health Committee ('09-'10), attended Lobby Day in Harrisburg, PA (May 4, 2009)

Women's Health Interest Group

2009 – 2010

Co-President ('09-'10), attended group and faculty meetings, helped organize lunch lectures and events

PSUCOM Global Health Task Force

2008 – 2009

Led a student-driven effort that proposed to university leaders the creation of a Global Health Center at the Pennsylvania State University College of Medicine; PSUCOM Global Health Center was established in Spring 2009

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| Lioncare – Free student run clinic in Harrisburg, PA | 2008 – 2009 |
| Hershey Symphony Orchestra – violinist | 2008 – 2012 |
| Duke Symphony Orchestra | Aug 2004 – 2008 |
| President ('07-'08) and Treasurer ('05-'07) for the Orchestra Committee, responsible for organizing annual student-run Pops concert, promoting musical events on campus, and arranging funding for social events throughout the year; violinist | |
| Duke Violin Tutors | Sept 2005 – 2008 |
| Club President ('06-'08) for violin tutoring program for students at R.N. Harris Elementary School in Durham, coordinate scheduling, set up group meetings, and maintain contact with the school's volunteer coordinator; tutor | |
| Peer Tutor | |
| • Teaching Assistant in lab and help room for General Physics – Dept. of Physics, Duke University | 2007 – 2008 |
| • Tutored fellow students in Physics, Math, Biology and German – Rochester Adams High School | 2002 – 2004 |
| Innoworks: Explorations Summer Science Camp | Summer 2006 |
| Mentor for middle-school children at the science camp and published co-author for camp curriculum ('06, '07) | |
| Admissions Ambassadors | 2006 – 2008 |
| Admissions representative to high schools for Duke University, host for prospective students during Blue Devil Days | |
| Duke Diya – South Asian Student Association | 2004 – 2008 |
| Big Sib for first-year students, responsible for introducing members to the Duke and Diya Community, Performer in Awaaz 2005 – Duke University's premiere cultural show | |
| Calcutta Rescue | 2005 – 2006 |
| Explored fair trade opportunities locally in Durham, NC to fundraise for a non-profit non-governmental health care organization in Kolkata, India, selling handmade weaving projects made by patients of the free clinic. | |
| First Year Advisory Counselor | 2005 – 2006 |
| Counselor, responsible for assisting during Freshman Orientation and Move-in, planning programming events, and serving as a mentor and resource for a small group of students throughout their first year at Duke | |
| East Campus Community Service Center | 2004 – 2005 |
| First-year representative for Aycock Dormitory, planned and participated in dorm-wide community service events | |

GENERAL SKILLS

Computers: Microsoft Office (Word, Excel, PowerPoint), Basic programming (Java)

Languages: English – first language, German – written and oral fluency, Bengali – oral fluency

Hobbies/Interests: Tennis, Violin, Robotics, Photography