

Curriculum Vitae

Last Updated: 09/12/2023

PERSONAL DATA

Name: Amnon Schlegel, M.D., Ph.D.
Citizenship: United States, Germany

EDUCATION

| <u>Years</u> | <u>Degree</u> | <u>Institution (Area of Study)</u> |
|---------------------|----------------------|--|
| 2004 - 2007 | Fellow | University of California, San Francisco (Diabetes, Endocrinology and Metabolism) San Francisco, CA |
| 2003 - 2004 | Resident | Beth Israel Deaconess Medical Center (Internal Medicine) Boston, MA |
| 2002 - 2003 | Intern | Beth Israel Deaconess Medical Center (Internal Medicine) Boston, MA |
| 1996 - 2002 | Ph.D. | Albert Einstein College of Medicine (Medical Scientist Training Program, Department of Molecular Pharmacology) New York, NY |
| 1996 - 2002 | M.D. | Albert Einstein College of Medicine (Medicine) Bronx, NY |
| 1996 - 1999 | M.S. | Albert Einstein College of Medicine (Medical Scientist Training Program, Department of Molecular Pharmacology) Bronx, NY |
| 1992 - 1996 | B.S. | Hofstra University (Major: Biochemistry, Minor: Mathematics) Hempstead, NY |

BOARD CERTIFICATIONS

10/18/2007 - American Board of Internal Medicine (Sub: Endocrinology, Diabetes & Metabolism),
12/31/2027 Certified
08/23/2005 - American Board of Internal Medicine (Internal Medicine), Certified
12/31/2015

CURRENT LICENSES/CERTIFICATIONS

2010 - 2024 State License (UT) - Physician (MD)
2010 - 2024 Controlled Substance (UT) - Physician (MD)
2004 - 2025 State License (CA) - Physician (MD)
2004 - 2025 DEA Certificate - Physician (MD)

UNIVERSITY OF UTAH ACADEMIC HISTORY

Biochemistry, 07/01/2011 - Present

07/01/2016 Adjunct Associate Professor
07/01/2011 - Adjunct Assistant Professor
06/30/2016

Nutrition and Integrative Physiology, 11/04/2016 - Present

11/04/2016 Adjunct Associate Professor

Internal Medicine (Endocrinology and Metabolism), 07/01/2010 - 12/31/2021

07/01/2016 - Associate Professor
12/31/2021
07/01/2010 - Assistant Professor
06/30/2016

PROFESSIONAL EXPERIENCE

Full-Time Positions

2016 - Present Adjunct Associate Professor of Nutrition and Integrative Physiology, University of Utah, Salt Lake City, UT

2016 - Present Adjunct Associate Professor of Biochemistry, University of Utah, Salt Lake City, UT

2016 - 2021 Associate Professor of Internal Medicine with Tenure, University of Utah, Salt Lake City, UT

2011 - 2016 Adjunct Assistant Professor of Biochemistry, University of Utah, Salt Lake City, UT

2010 - 2016 Assistant Professor of Internal Medicine, University of Utah, Salt Lake City, UT

2009 - 2010 Assistant Adjunct Professor, University of California, San Francisco, San Francisco, CA

2007 - 2009 Adjunct Instructor, University of California, San Francisco, San Francisco, CA

Part-Time Positions

2011 - 2021 Staff Physician, Salt Lake City Department of Veterans Affairs Medical Center, Salt Lake City, UT

2008 - 2010 Member, Liver Center, University of California, San Francisco, San Francisco, CA

Editorial Experience

2023 - Present Associate Editor for *Frontiers in Endocrinology*

2020 - 2021 Reviewing Editor (guest editor and primary reviewer-2 manuscripts) for *eLIFE*

2019 - 2020 Associate editor for *Molecular Medicine*

Reviewer Experience

Reviewer for *Antiviral Research*

Reviewer for *BBA - Molecular Basis of Disease*

Reviewer for *BBA - Molecular Cell Research*

Reviewer for *BBA - Molecular and Cell Biology of Lipids*

Reviewer for *BMC Endocrine Disorders*

Reviewer for *BMC Genomics*
Reviewer for *BMC Nephrology*
Reviewer for *BMC Physiology*
Reviewer for *BMJ Open*
Reviewer for *Cell Biochemistry & Function*
Reviewer for *Cell Host & Microbe*
Reviewer for *Cell Reports*
Reviewer for *Cellular Signalling*
Reviewer for *Developmental Cell*
Reviewer for *Developmental Dynamics*
Reviewer for *Diabetes*
Reviewer for *Diabetologia*
Reviewer for *Disease Models & Mechanisms*
Reviewer for *Endocrine*
Reviewer for *Endocrine Practice*
Reviewer for *Endocrine Reviews*
Reviewer for *European Journal of Endocrinology*
Reviewer for *FASEB Journal*
Reviewer for *FEBS Letters*
Reviewer for *Frontiers in Endocrinology*
Reviewer for *Frontiers in Oncology*
Reviewer for *Gastroenterology*
Reviewer for *Hepatology*
Reviewer for *Journal of Endocrinology*
Reviewer for *Journal of Hepatocellular Carcinoma*
Reviewer for *Journal of Hepatology*
Reviewer for *Journal of Lipid Research*
Reviewer for *Journal of Molecular Endocrinology*
Reviewer for *Journal of Molecular Medicine*
Reviewer for *Journal of Neuroscience Research*
Reviewer for *Journal of Pharmacological and Toxicological Methods*
Reviewer for *Journal of Visualized Experiments*
Reviewer for *Journal of the American Heart Association*
Reviewer for *Lipids*
Reviewer for *Mechanisms of Development*
Reviewer for *Nature Communications*
Reviewer for *Nature Metabolism*
Reviewer for *Neuroendocrinology*
Reviewer for *Nucleic Acids Research*
Reviewer for *Nutrients*

Reviewer for *Nutrition & Metabolism*
Reviewer for *Obesity*
Reviewer for *Rejuvenation Research*
Reviewer for *Scientific Reports*
Reviewer for *Seminars in Cell and Developmental Biology*
Reviewer for *Stroke*
Reviewer for *Translational Research*
Reviewer for *World Journal of Gastroenterology*
Reviewer for *Zebrafish*
Reviewer for *Biochemistry and Biophysics Reports*

SCHOLASTIC HONORS

2013 William D. Odell Young Investigator Award, Department of Internal Medicine, University of Utah, Salt Lake City, UT USA
2013 Travel Award. 5th Strategic Conference of Zebrafish Investigators. Genetics Society of America, Pacific Grove, CA, USA
2012 Roger Davis Investigator Award for Transitional Faculty, Kern Lipid Conference, University of Colorado, Vail, CO, USA
2011 Travel Award, Kern Lipid Conference, University of Colorado, Vail, CO, USA
2008 Endocrine Scholars Award for outstanding post-doctoral research, The Endocrine Society annual meeting (ENDO 2008), San Francisco, CA, USA
2007 Pfizer Travel Scholarship, Keystone Symposium on Metabolic Syndrome, Steamboat Springs, CO, USA
2004 Nominated for Lowell McGee Award for recognition of the fundamental importance of teaching as well as spirit and substance of being a physician, Beth Israel Deaconess Medical Center, Boston, MA, USA
2004 James Tullis Award to a medical junior assistant resident in recognition of intellectual growth and enthusiasm for learning, Beth Israel Deaconess Medical Center, Boston, MA, USA
2002 Ph.D. in Molecular Pharmacology with Departmental Honors, Albert Einstein College of Medicine, Bronx, NY, USA
2002 Associated Medical Schools of New York Medical Student Research Award
2001 Julius Marmur Research Award for academic excellence in graduate research, Albert Einstein College of Medicine, Bronx, NY, USA
1996 B.S. *summa cum laude* with high honors in Biochemistry, Hofstra University, Hempstead, NY, USA
1996 American Chemical Society Senior Scholar, Hofstra University, Hempstead, NY, USA
1996 Phi Beta Kappa, Hofstra University, Hempstead, NY, USA
1995 Golden Key National Honor Society, Hofstra University, Hempstead, NY, USA
1995 Kappa Mu Epsilon Mathematics Honor Society, Hofstra University, Hempstead, NY, USA
1992 - 1996 Presidential Scholarship, Hofstra University, Hempstead, NY, USA

ADMINISTRATIVE EXPERIENCE

Administrative Duties

- 2020 - 2021 Member, Admissions Committee, MD-PhD Program, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2019 - 2021 Physician Scientist Training Program Divisional Representative, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2019 - 2021 Member, Student Advisory Committee, MD-PhD Program, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2018 - 2019 Member, Search Committee, Endocrinology Division Chief, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2018 - 2021 Member, Clinical Competency Committee, Clinical Endocrinology Training Program, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2017 - 2021 Director, Lipid Disorders Clinic, Division of Endocrinology, Diabetes and Metabolism, University of Utah, Salt Lake City, Utah, USA
- 2013 - 2018 Organizer, Metabolism Interest Group, Seminars in Metabolism Guest Lecture series, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2012 - 2020 Member, Faculty Advisory Board, Centralized Zebrafish Animal Resource Core Facility, University of Utah School of Medicine, Salt Lake City, UT, USA

Grant Review Committee/Study Section

- 2023 Reviewer (1 proposal) Wellcome Trust Career Development Award scheme. London, United Kingdom
- 2022 Reviewer (5 proposals). 2022 Berrie Frontiers in Diabetes Fellowship Program. Naomi Berrie Diabetes Center. Columbia University Irving Medical Center, New York, NY, USA
- 2021 Reviewer (5 proposals). 2021 Berrie Frontiers in Diabetes Fellowship Program. Naomi Berrie Diabetes Center. Columbia University Irving Medical Center, New York, NY, USA
- 2020 Reviewer (12 proposals). 2020 Berrie Frontiers in Diabetes Fellowship Program. Naomi Berrie Diabetes Center. Columbia University Irving Medical Center, New York, NY, USA
- 2020 Reviewer (1 proposal), Maryland Industrial Partnerships Program
- 2020 Reviewer (1 proposal). Metabolism Training Grant (T32, NIDDK), University of Utah, USA.
- 2020 Reviewer (12 proposals). INMP. Integrative Nutrition and Metabolic Processes. National Institutes of Health (NIH), USA
- 2019 Reviewer (4 proposals) Request for Applications: Novel Adjunctive Therapeutic Strategies to Improve Metabolic Control in Type 1 Diabetes, JDRF, USA
- 2018 Reviewer (1 application), Center for Clinical and Translational Science, Intra-Institutional Pilot Award, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2018 Reviewer (4 proposals) Driving Out Diabetes Initiative Seed Grant, Utah Diabetes and Metabolism Research Center, Salt Lake City, UT, USA

- 2018 Reviewer (3 proposals) Special Emphasis Panel ZRG1-EMNR-G (02) Member Conflicts: Topics on Metabolism and Disease, National Institutes of Health (NIH), USA
- 2018 - 2019 Member, Research Grant Review Committee, American Diabetes Association, USA (15 proposals per cycle)
- 2018 Reviewer (1 proposal). AA-1. Biomedical Research Review Subcommittee. National Institute on Alcohol Abuse and Alcoholism, (NIAAA), USA
- 2017 Reviewer (7 proposals). INMP. Integrative Nutrition and Metabolic Processes. National Institutes of Health (NIH), USA
- 2017 External reviewer (4 proposals), Fondation Recherche Médicale, Paris, France
- 2017 Reviewer (1 proposal). AA-1. Biomedical Research Review Subcommittee. National Institute on Alcohol Abuse and Alcoholism, (NIAAA), USA
- 2017 Reviewer (3 proposals) Diabetes and Metabolism Center Pilot and Feasibility Awards, University of Utah, Salt Lake City, UT, USA
- 2017 Reviewer (3 proposals) Diabetes and Metabolism Center Type 1 Diabetes Mellitus Seed Fund, University of Utah, Salt Lake City, UT, USA
- 2017 External (international) grant reviewer Israel Science Foundation (1 proposal)
- 2016 Reviewer (5 proposals). DDK-B 1. Diabetes, Endocrinology and Metabolic Diseases B Subcommittee (K01, K08, K23, K25, K99/R00). National Institute of Diabetes, and Digestive and Kidney Diseases (NIDDK), USA
- 2016 Reviewer (1 proposal, with mock study section teleconference), Clinical and Translational Research Infrastructure Network (CTR-IN) Pilot Grants Program, Mountain West Research Consortium, National Institute of General Medical Sciences (NIGMS), USA
- 2016 Reviewer (4 proposals). ZRG1 F06 S 20. Fellowships: Endocrinology, Metabolism, Nutrition and Reproductive Sciences. National Institutes of Health, USA.
- 2016 External reviewer (2 applications) Fonds Wetenschappelijk Onderzoek - Vlaanderen (FWO, Flanders Research Foundation), Brussels, Belgium
- 2015 - 2017 Member, Research Grant Review Committee, American Diabetes Association, USA (12 proposals per cycle)
- 2014 Reviewer (7 proposals), Clinical and Translational Research Infrastructure Network (CTR-IN) Pilot Grants Program, Mountain West Research Consortium, National Institute of General Medical Sciences (NIGMS), USA
- 2014 External reviewer (1 application) Fonds Wetenschappelijk Onderzoek - Vlaanderen (FWO, Flanders Research Foundation), Brussels, Belgium
- 2014 External reviewer (3 proposals), William Harvey International Research Academy (WHRI-ACADEMY), London, United Kingdom
- 2014 Reviewer, SVP Seed Grant Program, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2013 Reviewer (4 proposals), Clinical and Translational Research Infrastructure Network (CTR-IN) Pilot Grants Program, Mountain West Research Consortium, National Institute of General Medical Sciences (NIGMS), USA
- 2013 Reviewer, SVP Seed Grant Program, University of Utah School of Medicine, Salt Lake City, UT, USA

- 2012 Reviewer, SVP Seed Grant Program, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2012 External (international) grant reviewer Austrian Science Fund
- 2011 Grant reviewer, National Science Foundation, USA
- 2010 External (international) grant reviewer Israel Science Foundation (1 proposal)

Symposium/Meeting Chair/Coordinator

- 2016 Co-organizer, Feeding Behavior, Nutrition and Metabolism: Emerging Model Organisms Workshop. The Allied Genetics Conference, Orlando, Florida, USA
- 2015 Co-Organizer, Rising Stars Symposium, Diabetes and Metabolism Center, University of Utah, Salt Lake City, Utah, USA
- 2013 Organizer, Metabolism Symposium. University of Utah, Salt Lake City, UT, USA

UNIVERSITY COMMUNITY ACTIVITIES

University Level

- 2017 - 2020 Senator, Academic Senate
- 2014 - 2017 Member, University Seed Grant Review Committee, (3 to 7 proposals per cycle)

Division Level

- 2018 Member, Endocrinology & Metabolism, Quality Assurance Committee. University Division Order Set Improvement

Programs, Centers & Institutes

- 2014 - 2016 Chair, Biological Chemistry Graduate Program, First Year Student Advisory Committee, University of Utah, Salt Lake City, UT, USA

SERVICE AT AFFILIATED INSTITUTIONS

- 2021 Chair, Salt Lake City VA Medical Center, GLP1 Agonist Prescription Program
- 2020 Member, Salt Lake City VA Medical Center, Endocrine Section, Obesity note template development.
- 2018 Expert Consultant, Salt Lake City VA Medical Center, Veterans' Board of Appeals
- 2018 Expert Consultant, Salt Lake City VA Medical Center, Veterans Affairs National Pharmacy Benefits Management Program Semaglutide Monogram
- 2018 Member, Salt Lake Veterans Administration Medical Center, Quality Assurance Committee. Salt Lake Veterans Affairs Medical Center Endocrine Section Note Templates.
- 2012 Peer Reviewer, Salt Lake City VA Medical Center, Expert review of an adverse outcome case.

SERVICE AT PREVIOUS INSTITUTIONS

- 2004 - 2007 Member, University of California, San Francisco, Department of Medicine, Endocrine Grand Rounds Search Committee

FUNDING

Active Grants

04/01/22 - R01DK112826-06A1. Lipid Sensing in Pancreatic Alpha Cells. National Institute of
03/31/27 Diabetes and Digestive and Kidney Diseases
Direct Costs: \$1,250,000 Total Costs: \$1,250,000
NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Role: Co-Investigator

Past Grants

12/01/19 - P30DK020579. A Monocarboxylate Transporter Involved in Fasting and Growth.
11/30/20 Washington University Diabetes Research Center Pilot and Feasibility Award
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$40,000 Total Costs: \$60,000
NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Role: Principal Investigator (Competitive Pilot Award)

03/02/18 - Academic Excellence Seed Grant. Glucosamine Signaling in Metamorphosis and
03/01/19 Metabolic Signaling
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$50,000 Total Costs: \$50,000
University of Utah Department of Internal Medicine
Role: Principal Investigator

09/15/17 - R56DK111494-01A1. FOXN3 Regulation of Fasting Glucose Metabolism
08/31/18
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$249,988 Total Costs: \$379,166
NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Role: Principal Investigator

07/01/16 - Molecular Genetics Of Lipid Metabolism
06/30/17
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$217,499 Total Costs: \$324,074
NIH National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
Role: Principal Investigator
Principal Investigator(s): Amnon Schlegel
American Diabetes Association
Role: Principal Investigator

07/01/15 - 15GRNT2467000. Intestinal Lxr Activation To Blunt Atherosclerosis
06/30/17
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$127,272 Total Costs: \$140,000
American Heart Association
Role: Principal Investigator

03/01/13 - P30DK020579. Interrogating Liver X Receptor Function with Zebrafish. Diabetes Reseach
11/30/15 Center Pilot.
Principal Investigator(s): Amnon Schlegel
Direct Costs: \$61,568 Total Costs: \$61,568

- Washington University in St Louis
Role: Principal Investigator
- 07/01/12 - R01DK096710. Molecular Genetics of Lipid Metabolism.
06/30/16
- Principal Investigator(s): Amnon Schlegel
Direct Costs: \$862,386 Total Costs: \$1,286,046
National Institute of Diabetes, and Digestive and Kidney Diseases
Role: Principal Investigator
- 07/01/11 - Molecular Genetic of Adipose Biology
06/30/12
- Principal Investigator(s): Amnon Schlegel
Direct Costs: \$28,000 Total Costs: \$28,000
University of Utah Seed Grant
Role: Principal Investigator
- 09/01/07 - P30DK063720. Molecular Genetics of Hepatic Steatosis
01/31/09 UCSF Diabetes Center/DERC Pilot and Feasibility Awards 2007
Principal Investigator(s): Michael S. German
Direct Costs: \$50,000 Total Costs: \$50,000
National Institute of Diabetes and Digestive and Kidney Diseases
Role: Co-Investigator
- 07/01/07 - K08DK078605. Genetic and Proteomic Studies of Lipid Metabolism in Zebrafish
06/30/12
- Principal Investigator(s): Amnon Schlegel
Direct Costs: \$584,000 Total Costs: \$627,840
National Institute of Diabetes and Digestive and Kidney Diseases
Role: Principal Investigator
- 07/01/04 - T32DK007418. Diabetes Endocrinology and Metabolism Training Grant
06/30/07
- Principal Investigator(s): Dolores Shoback, MD
National Institute of Diabetes and Digestive and Kidney Diseases
Role: Trainee
- 07/01/96 - T32GM007288. Medical Scientist Training Program
06/30/01
- Principal Investigator(s): Betty Diamond, MD
National Institute of General Medical Sciences
Role: Trainee

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Courses Directed

2015 - 2016 Circulation, Respiration & Regulation. School of Medicine. MS2017. Once annually.
Second year medical students. 115 students.

Course Lectures

2024 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, S. F. E. School of Medicine

2024 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2023 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2023 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2023 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2023 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, NUIP 7970: Dissertation-Doctoral, 1 student, University of Utah, College of Health

2023 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, S. F. E. School of Medicine

2023 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2022 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2022 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

2022 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2022 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2022 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2022 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2022 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2022 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

Fall 2021 Instructor, MDCRC-6521: Fall 2021, 6 students, University of Utah, MD, Three 80 minute lectures on endocrine physiology and molecular bases of disorders of adrenal, parathyroid, pituitary, ovaries, testes, and endocrine pancreas.

2021 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

2021 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2021 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2021 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2021 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2021 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2021 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

2021 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

Fall 2020 Instructor, MDCRC-6521: Special Topics, 5 students, University of Utah, MD, Three 80 minute lectures on endocrine physiology and molecular bases of disorders of adrenal, parathyroid, pituitary, ovaries, testes, and endocrine pancreas.

2020 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2020 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2020 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

2020 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2020 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2020 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2020 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2020 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

Fall 2019 Instructor, MDCRC-6521: Special Topics, 6 students, University of Utah, MD, Medicine and Physiology for Molecular Biologists. Three 75 minute lectures on endocrine physiology and molecular bases of disorders of adrenal, parathyroid, pituitary, ovaries, testes, and endocrine pancreas.

2019 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2019 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, S. F. E. School of Medicine

2019 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, S. F. E. School of Medicine

2019 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2019 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, S. F. E. School of Medicine

2019 Instructor, 6600: Regulation of Metabolism, 30 students, University of Utah, BIO C, What is in a fast?

2019 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2019 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2019 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine

2018 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2018 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2018 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine

2018 Instructor, INTMD MS2021: Metabolism and Reproduction, 140 students, University of Utah, Internal Medicine, Dyslipidemia Cases

2018 Instructor, INTMD MS2021: Metabolism and Reproduction, 140 students, University of Utah, Internal Medicine, Lipid Transport Physiology

2018 PI, NUIP 7970: Dissertation-Doctoral, 0 students, University of Utah, College of Health

2018 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2018 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2018 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine

2017 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2017 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine

2017 Instructor, INTMD: Metabolism and Reproduction, University of Utah, Internal Medicine, Dyslipidemia Cases & Treatments, 140 students, University of Utah, Internal Medicine

2017 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2017 Instructor, ONCSC 6520: Physiology & Medicine for the Molecular Biologist, 10 students, University of Utah, Oncological Sciences, One 90 minute lecture on endocrine physiology and molecular bass of disorders of the adrenal, thyroid, pituitary, ovaries and testes, and endocrine pancreas.

2017 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine

2017 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

- 2016 Developer, INTMD: Metabolism and Reproduction - Dyslipidemia Cases & Treatments, University of Utah, Internal Medicine, Dyslipidemia Cases & Treatments
- 2016 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2016 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2016 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2016 Instructor, BIO C 6600: Metabolic Regulation, 9 students, University of Utah, Biochemistry, 90 minute lecture entitled "Cholesterol, Mendelian Genetics, and Monoclonal Antibodies"
- 2016 Instructor, ONCSC 6520: Physiology & Medicine for the Molecular Biologist, University of Utah, Oncological Sciences, 20 students, University of Utah. Three 90 minute lectures on endocrine physiology and molecular bass of disorders of the adrenal, parathyroid, pituitary, ovaries and testes, and endocrine pancreas.
- 2016 PI, BIO C 7040, 0 students, University of Utah, School of Medicine
- 2016 PI, BIO C 7970, 0 students, University of Utah, School of Medicine
- 2015 Developer, INTMD: Circulation, Respiration, and Regulation - Disorders of Magnesium and Phosphate, 102 students, University of Utah, Internal Medicine, Disorders of Magnesium and Phosphate
- 2015 Developer, INTMD: Circulation, Respiration, and Regulation - Hypertension Cases, 102 students, University of Utah, Internal Medicine, Hypertension Cases
- 2015 Developer, INTMD: Circulation, Respiration, and Regulation - Introduction to CRR, 102 students, University of Utah, Internal Medicine, Introduction to CRR
- 2015 Developer, INTMD: Metabolism and Reproduction - Endocrine Hypertension, 102 students, University of Utah, Internal Medicine, Endocrine Hypertension
- 2015 Developer, INTMD: Metabolism and Reproduction - Lipid Pharmacology, 102 students, University of Utah, Internal Medicine, Lipid Pharmacology
- 2015 Developer, INTMD: Metabolism and Reproduction - Dyslipidemia Cases & Treatments, 102 students, University of Utah, Internal Medicine, Dyslipidemia Cases & Treatments
- 2015 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2015 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2015 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2015 Instructor, BIO C 6600: Regulation of Metabolism, 10 students, University of Utah, Biochemistry, One 90 minute lecture on the role of Ghrelin in starvation metabolism.,
- 2015 Instructor, ONCSC 6520: Physiology & Medicine for the Molecular Biologist, University of Utah, Oncological Sciences, Three 90 minute lectures on endocrine physiology and molecular bass of disorders of the adrenal, parathyroid, pituitary, ovaries and testes, and endocrine pancreas.

2015 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine

2015 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, School of Medicine

2014 Developer, INTMD: Metabolism and Reproduction - Lipid Pharmacology, University of Utah, Internal Medicine, Lipid Pharmacology

2014 Facilitator, INTMD: Metabolism and Reproduction - Small Group Cases- Pituitary, University of Utah, Internal Medicine, Small Group Cases- Pituitary

2014 Developer, INTMD: Metabolism and Reproduction - Endocrine Hypertension, University of Utah, Internal Medicine, Endocrine Hypertension

2014 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, School of Medicine

2014 PI, BIO C 7040: Lab Resrch Conferences, 1 student, University of Utah, School of Medicine

2014 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, School of Medicine

2014 Instructor, MD ID: Endocrine Hypertension, Office of the Dean/Medicine, : MS2016 M+R - Endocrine Hypertension

2014 Developer, INTMD: Metabolism and Reproduction - Endocrine Hypertension, University of Utah, Internal Medicine, Endocrine Hypertension

2014 Instructor, MD ID: Lipid Pharmacology, Office of the Dean/Medicine, : MS2016 M+R - Lipid Pharmacology

2014 Developer, INTMD: Metabolism and Reproduction - Lipid Pharmacology , University of Utah, Internal Medicine, Lipid Pharmacology

2014 Instructor, MD ID: Dyslipidemia cases and Treatments, Office of the Dean/Medicine, : MS2016 M+R - Dyslipidemia cases and Treatments

2014 Developer, INTMD: Metabolism and Reproduction - Dyslipidemia Cases & Treatments, University of Utah, Internal Medicine, Dyslipidemia Cases & Treatments

2014 PI, BIO C 7970: Thesis Research-Ph D, 1 student, University of Utah, School of Medicine

2014 PI, BIO C 7040: Lab Resrch Conferences, 2 students, University of Utah, School of Medicine

2013 PI, BIO C 7970: Thesis Research-Ph D, 2 students, University of Utah, School of Medicine

2013 PI, BIO C 7040: Lab Resrch Conferences, 2 students, University of Utah, School of Medicine

2013 PI, BIO C 7970: Thesis Research-Ph D, 2 students, University of Utah, School of Medicine

2013 Instructor, BIO C 6600: Regulation of Metabolism, 7 students, University of Utah, Biochemistry, 90 minute lecture entitled "Ghrelin- a major counter-regulatory hormone?"

2013 Instructor, Endocrine Hypertension , : MS2015 M+R - Endocrine Hypertension

2013 Instructor, Endocrine Hypertension , : MS2015 M+R - Endocrine Hypertension

- 2013 Instructor, MD ID: Metabolism and Reproduction Unit (MS2015 M&R)- Endocrine Hypertension, University of Utah, Deans Office - SOM, One hour lecture on the physiology of mineralocorticoid action, and representative cases of mineralocorticoid excess. One hour lecture on the physiology of mineralocorticoid action, and representative cases of mineralocorticoid excess.
- 2013 Instructor, Dyslipidemia cases and treatments, : MS2015 M+R - Dyslipidemia cases and treatments
- 2013 Instructor, Dyslipidemia cases and treatments, : MS2015 M+R - Dyslipidemia cases and treatments
- 2013 Instructor, MD ID 7350: Metabolism and Reproduction Unit (MS2015 M&R)- Dyslipidemia Cases, 80 students, University of Utah, Deans Office - SOM, Two hour lecture on lipoprotein metabolism and representative cases of monoallelic disorders of cholesterol and triglyceride metabolism.
- 2013 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2013 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2013 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2013 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2012 Instructor, ONCSC6520: Physiology & Medicine for the Molecular Biologist, 20 students, University of Utah, A 90 minute lecture on the physiologic and molecular basis of parathyroid and pituitary disorders.
- 2012 Instructor, Clinical Reasoning, : MS2014 M+R - Clinical Reasoning
- 2012 Instructor, Clinical Reasoning, : MS2014 M+R - Clinical Reasoning
- 2012 Instructor, Endocrine Hypertension, : MS2014 M+R - Endocrine Hypertension
- 2012 Instructor, MD ID 7350: Metabolism & Reproduction- Clinical Reasoning, 80 students, University of Utah, Deans Office - SOM, A two hour interactive lecture cotaught with the course director Dr. Laura Sells on the management of diabetic ketoacidosis and congenital adrenal hyperplasia in children.
- 2012 Instructor, MD ID 7350: Metabolism & Reproduction- (MS2014), 80 students, University of Utah, Deans Office - SOM, Endocrine Hypertension. One hour lecture on the physiology of mineralocorticoid action, and representative cases of mineralocorticoid excess
- 2012 Instructor, Fatty Liver, NASH, Insulin Resistance, : MS2014 M+R - Fatty Liver, NASH, Insulin Resistance
- 2012 Instructor, Fatty Liver, NASH, Insulin Resistance, : MS2014 M+R - Fatty Liver, NASH, Insulin Resistance

- 2012 Instructor, MD ID 7350: Metabolism and Reproduction- NAFLD and Pharmacology, 80 students, University of Utah, Deans Office - SOM, One hour lecture on the molecular pathogenesis of non-alcoholic fatty liver disease and drugs to treat lipid disorders
- 2012 Instructor, Dyslipidemia Cases + Treatment Options, : MS2014 M+R - Dyslipidemia Cases + Treatment Options
- 2012 Instructor, MD ID 7350: Metabolism and Reproduction Unit- Dyslipidemia Cases, 80 students, University of Utah, Deans Office - SOM, 2 hour lecture on lipoprotein metabolism and representative cases of monoallelic disorders of cholesterol and triglyceride handling.
- 2012 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7040: Lab Resrch Conferences, 0 students, University of Utah, School of Medicine
- 2012 PI, BIO C 7970: Thesis Research-Ph D, 0 students, University of Utah, School of Medicine
- 2011 Instructor, PH TX 7500: Biochemical Mechanisms, 6 students, University of Utah, Pharmacology and Toxicology, Delivered one 2 hour lecture. This course is entered along with Biochem 7500.
- 2011 Instructor, BIO C 7500: Biochemical Mechanisms, 6 students, University of Utah, Biochemistry, Delivered one 2 hour lecture. This course is entered along with PH TX 7500.
- 2010 Instructor, MD ID 7350: Medical Science - Small group cases- parathyroid, University of Utah, Deans Office - SOM, Two hour facilitator for medical student small group discussion of cases pertaining to calcium metabolism
- 2010 Instructor, MD ID 7350: Medical Science - Clinical Consult- hypothyroid/hyperthyroid, 80 students, University of Utah, Deans Office - SOM, One of 8 faculty members answering questions raised in a case-based exercise pertaining to thyroid disorders.
- 2010 Instructor, MD ID 7350: Medical Science - Clinical Reasoning, 80 students, University of Utah, Deans Office - SOM, A 2 hour moderated, case-based session on disorders of adrenal hyperfunction.
- 2010 Instructor, MD ID 7350: Medical Science - Endocrine hypertension, 80 students, University of Utah, Deans Office - SOM, A one hour lecture on the physiologic and pathological actions of mineralocorticoids.
- 2010 Instructor, MD ID 7350: Medical Science - Clinical Reasoning- Metabolic syndrome and dyslipidemia, 80 students, University of Utah, Deans Office - SOM, One of 3 panel members in a 2 hour discussion of select cases prepared by the course leader Dr. Amalia Cochran involving type 2 diabetes, obesity, and lipid disorders.
- 2010 Instructor, MD ID 7350: Medical Science - Cholesterol Metabolism, University of Utah, Deans Office - SOM, A 2 hour lecture on cholesterol and triglyceride trafficking and representative disorders of lipoprotein metabolism

- 2010 Instructor, MD ID 7350: Medical Science - Cholesterol metabolism pre-class quiz, University of Utah, Deans Office - SOM, I wrote several questions for the pre-class quiz.
- 2010 Instructor, MD ID 7350: Medical Science - Planning Meeting, University of Utah, Deans Office - SOM, One hour meeting arranged by the course leaders Dr. Janet Lindsley and Amalia Cochran for lecturers participating in this course.
- 2009 - 2010 Instructor, BMS 225A: Tissue and Organ Biology, 20 students, University of California, San Francisco, One 90 minute lecture; 1 unit

Clinical Teaching

- 2021 Outpatient, thrice weekly half-day clinical preceptor for two clinical fellows in Endocrinology and 2 to 4 internal medicine residents in the Endocrinology Clinic of the Salt Lake Veterans Affairs Medical Center
- 2012 - 2014 Outpatient weekly half-day clinical preceptor for two clinical fellows in Endocrinology at the Utah Diabetes and Endocrinology Center
- 2012 - 2016 Internal Medicine. Inpatient attending service involving managing admissions, teaching one resident physician, two intern physicians, and one medical student. Salt Lake City VA Medical Center. Two weeks annually.
- 2011 - 2021 Endocrinology in-patient consultation services demonstrating to medical students, residents, and clinical fellows the salient historical, physical, laboratory, imaging, and pathological findings in metabolic diseases. Average 1 residents or 1 fellow for 4 to 6 weeks, covering University of Utah Medical Center, Huntsman Cancer Hospital, and University Neuropsychiatric Institute. An additional 6 to 8 weeks per year (12 to 14 weeks total) of in-patient consultations are provided at Salt Lake City VA Medical Center.

Small Group Teaching

- 2010 Metabolism and Reproduction Unit, Integrated Activities, Taught once per year, 4 two hour sessions, second year medical students, 10 students.
- 2009 - 2010 Discussion group leader, 26114: Metabolism and Nutrition, 15 students, University of California, San Francisco. Five 90 minute sessions, 10.5 units.

Mentoring/Advising

Fellow

- 2015 - 2017 Supervisor, Tibiabin Benitez-Santana, PhD, University of Utah, Post-doctoral fellow.

Trainee's Current Career Activities: Global Feed and Nutrition Manager at Cermaq Global

- 2013 - 2016 Advisor/Mentor, Erin Zinkhan, MD, University of Utah, Meet with protege, reviewing experimental results, providing reagents and technical advice, designing experiments, reviewing grant applications, and coordinating career development plans.

Trainee's Current Career Activities: Adjunct Assistant Professor, Division of Neonatology, Department of Pediatrics, University of Utah School of Medicine

- 2011 - 2017 Supervisor, Santhosh Karanth, PhD, University of Utah, Postdoctoral fellow.

Trainee's Current Career Activities: Investigator, Scribe Therapeutics
2011 - 2014 Supervisor, Lourdes Cruz-Garcia, PhD, University of Utah, Post-doctoral fellow.
Trainee's Current Career Activities: Senior Radiation Protection Scientist at Public Health
England

Undergraduate

2019 - 2021 Honors Thesis, Kasper M. Koblanski, University of Utah
2018 - 2019 Volunteer research assistant, Amanda Monson, University of Utah
2018 - 2019 Volunteer research assistant, Zeke Richards, University of Utah
2018 - 2019 Volunteer research assistant, Benjamin B. Engh, University of Utah
2017 - 2018 Volunteer research assistant, Alexander Van Detta, University of Utah
2017 - 2019 Volunteer research assistant, Emmanuel Rapp Reyes, University of Utah
2015 - 2016 Honors Thesis, Holly M. Astin, University of Utah, Honors Thesis.

Graduate Student Committees

2019 - Present Chair, Faith Bowman, University of Utah
2019 Member, Sri Teja Mullapudi, Goethe University, Frankfurt, Germany
2018 Member, Amitoj Singh, Deakin University, Victoria, Australia
2018 - 2020 Member, Patrick Ferrara, University of Utah
2015 - 2019 Member, Vanja Panic, University of Utah
2015 - 2018 Member, Maria Disotuar, University of Utah
2015 Chair, Erin Dickson, University of Utah
2014 Chair, Madhukar Aryal, University of Utah
2013 - 2014 Member, Rana V. Small, University of Utah
2013 - 2014 Member, K. Rifat H. Bhaskar, University of Utah
2013 - 2015 Chair, Erin Dickson, University of Utah
2013 - 2014 Chair, Madhukar Aryal, University of Utah
2013 - 2015 Member, Stefanie Marxreiter, University of Utah
2012 - 2016 Member, Thomas Cameron Waller, University of Utah
2012 - 2015 Member, Adam McPherson, University of Utah
2012 - 2016 Member, John Schell, University of Utah

Didactic Lectures

2021 **Schlegel A.** Residency Noon Conference: Hypertension and Hypokalemia University of Utah Medical Center simulcast to Intermountain Medical Center and Salt Lake City VA Medical Center, Salt Lake City, UT
2021 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Congenital Adrenal Hyperplasia in Adults. Salt Lake City VA Medical Center and University of Utah Division of Endocrinology (virtual), Salt Lake City, UT

- 2021 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Disorders of Magnesium and Phosphate Metabolism. Salt Lake City VA Medical Center and University of Utah Division of Endocrinology (virtual), Salt Lake City, UT
- 2020 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: ABIM Board Question Review: Lipid Disorders. Salt Lake City VA Medical Center and University of Utah Division of Endocrinology (video), Salt Lake City, UT
- 2020 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Mono- and Polygenetic Hyperlipoproteinemia. Salt Lake City VA Medical Center and University of Utah Division of Endocrinology (video), Salt Lake City, UT
- 2020 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Congenital Adrenal Hyperplasia in Adults. Salt Lake City VA Medical Center, Salt Lake City, UT
- 2019 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Primary Dyslipidemias. Salt Lake City VA Medical Center, Salt Lake City, UT
- 2019 **Schlegel A.** Internal Medicine Residency Noon Conference at University of Utah Medical Center (simulcast to Intermountain Medical Center and Salt Lake City VA Medical Center). Modern Type 2 Diabetes Care. Salt Lake City, UT
- 2019 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Congenital Adrenal Hyperplasia: Diagnosis and Management in Adults. Salt Lake City VA Medical Center, Salt Lake City, UT
- 2018 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Adrenal Incidental Masses - Adrenal Cortex & Medulla, University of Utah Medical Center, Salt Lake City, UT
- 2017 **Schlegel A.** Internal Medicine Residency Noon Conference Type 2 diabetes pharmacology comes of age: GLP-1 agonists and SGLT-2 inhibitors. University of Utah Medical Center, simulcast to Intermountain Medical Center and Salt Lake City VA Medical Center. Salt Lake City, UT
- 2017 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Magnesium & Phosphate Metabolism. University of Utah Medical Center, Salt Lake City, UT
- 2017 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Rare Lipid Disorders 2, University of Utah Medical Center, Salt Lake City, UT
- 2017 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Rare Lipid Disorders 1. University of Utah Medical Center, Salt Lake City, UT
- 2017 **Schlegel A.** Internal Medicine Residency Noon Conference. Common Endocrine Hypertension. University of Utah Medical Center, simulcast to Intermountain Medical Center and Salt Lake City VA Medical Center, Salt Lake City, UT
- 2016 **Schlegel A.** Internal Medicine Residency Noon Conference. Hypertension and Hypokalemia- Getting it Right the First Time, Every Time (in Adults). University of Utah Medical Center and simulcast to Salt Lake City VA Medical Center, Salt Lake City, UT
- 2016 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Adrenal Nodules. University of Utah Medical Center, Salt Lake City, UT
- 2015 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Phosphate and Magnesium. University of Utah Medical Center, Salt Lake City, UT
- 2015 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Lipid Disorders. University of Utah Medical Center, Salt Lake City, UT

- 2012 **Schlegel A.** Internal Medicine Residency Noon Conference. Simple and Exotic Aspects of Lipid Metabolism for the Internal Medicine Trainee- from Cases to Molecules. University of Utah Medical Center, Salt Lake City, UT
- 2012 **Schlegel A.** Internal Medicine Residency Noon Conference: Simple and Exotic Aspects of Lipid Metabolism for the Internal Medicine Trainee- from Cases to Molecules. Intermountain Medical Center, Murray UT
- 2012 **Schlegel A.** Internal Medicine Residency Noon Conference : Simple and Exotic Aspects of Lipid Metabolism for the Internal Medicine Trainee- from Cases to Molecules. Salt Lake City VA Medical Center, Salt Lake City, UT
- 2012 **Schlegel A.** MD/PhD Program Clinical Reasoning Series. Endocrine Hypertension. University of Utah School of Medicine, Salt Lake City, UT
- 2011 **Schlegel A.** Endocrinology Clinical Fellows Didactic Series: Pheochromocytoma and Paraganglioma. University of Utah Medical Center, Salt lake City, UT
- 2011 **Schlegel A.** Internal Medicine Residency Noon Conference at University of Utah Medical Center: Endocrine Hypertension. Salt Lake City, UT
- 2011 **Schlegel A.** Internal Medicine Residency Noon Conference at Intermountain Medical Center: Endocrine Hypertension. Murray, UT
- 2011 **Schlegel A.** Internal Medicine Residency Noon Conference. Salt Lake City VA Medical Center, Endocrine Hypertension, Salt Lake City, UT
- 2011 **Schlegel A.** Internal Medicine Residency Noon Conference at University of Utah Medical Center: Endocrine Hypertension. Salt Lake City, UT
- 2011 **Schlegel A.** Internal Medicine Residency Noon Conference at Intermountain Medical Center: Endocrine Hypertension. Murray, UT
- 2005 - 2006 **Schlegel A.** Assessment of adrenal function in the ICU. Internal Medicine Resident Noon Conference, Department of Medicine Graduate Medical Education, 3 one hour lectures: University of Californai San Francisco Medical Center, , San Francisco VA Medical Center, and San Francisco General Hospital and Trauma Center

Internal Teaching Experience

- 2019 The PATHWAY-2 Trial Confirms Resistant Hypertension is a Sodium-Retaining State Best Treated with Mineralocorticoid Antagonism, Endocrinology Journal Club, University of Utah Medical Center 4 fellows.
- 2019 Alphabet Soup For Diabetes Mellitus: GLP1 Receptor Agonists, SGLT2 Inhibitors, and More, Primary Care Providers Meeting, Salt Lake City VA Medical Center, Salt Lake City, UT, USA
- 2018 Hypercalcemia in Sarcoidosis. Internal Medicine Residency Noon Conference Discussant, University of Utah Medical Center, Salt Lake City, UT, USA
- 2017 A Gate On Intestinal Lipid Handling. Geriatrics Research Center Seminar, Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2016 Primary Aldosteronism in Obstructive Sleep Apnea. Sleep Medicine Conference, Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, UT, USA

- 2016 Sodium Glucose Transporter-2 Inhibition and Matters Renal. Renal Conference, Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2008 Langley Porter Psychiatry M&M discussant, gave 1 one hour lecture
- 2007 - 2008 Diabetes Clinic Lecture series, gave 10 one hour lectures
- 2006 - 2007 Adrenal Function Testing in Critical Illness” Intern Half-Day Series, Department of Medicine Graduate Medical Education, (2 one hour lectures). University of California San Francisco Medical Center

Continuing Education

CE Courses Taught

- 2008 **Schlegel A.** UCSF Diabetes Update. Drugs that causes hyperglycemia. 150 registrants. San Francisco, CA.
- 2017 **Schlegel A.** Utah Department of Health Healthy Living Through Environment, Policy & Improved Clinical Care (EPICC) Program Monthly Diabetes Webinar for advanced practice nurses, registered dieticians and diabetes pharmacists. SGLT-2 Inhibitors for Type 2 Diabetes Mellitus: Protecting Kidneys and Heart. 58 registrants. Salt Lake City, UT

PEER-REVIEWED JOURNAL ARTICLES

1. Wang M-Y, Dean ED, Quittner-Strom E, Zhu Y, Chowdhury KH, Zhang Z, Zhao S, Li N, Ye R, Lee Y, Zhang Y, Chen S, Yu X, Leonard DC, Poffenberger G, Von Dylen A, McCorkle SK, **Schlegel A**, Sloop KW, Efanov AM, Gimeno RE, Scherer PE, Powers AC, Unger RH, Holland WL (2021). Glucagon blockade restores functional β -cell mass in type 1 diabetic mice and enhances function of human islets. *Proc Natl Acad Sci U S A*, 118(9), e2022142118.
2. Karanth S, Chaurasia B, Bowman FM, Tippets TS, Holland WL, Summers SA, **Schlegel A** (2019). FOXN3 controls liver glucose metabolism by regulating gluconeogenic substrate selection. *Physiol Rep*, 7(18), e14238.
3. Erickson ML, Karanth S, Ravussin E, **Schlegel A** (2019). FOXN3 hyperglycemic risk allele and insulin sensitivity in humans. *BMJ Open Diabetes Res Care*, 7(1), e000688.
4. Ahorukomeye P, Disotuar M, Gajewiak J, Karanth S, Watkins M, Smith N, Smith B, **Schlegel A**, Forbes BE, Olivera BM, Chou DH, Safavi-Hemami H (2019). Fish-hunting cone snails provide a rich source of minimized ligands of the vertebrate insulin receptor. *Elife*, 8, e41574.
5. Karanth S, **Schlegel A** (2019). The monocarboxylate transporter SLC16A6 regulates adult length in zebrafish and height in humans. *Front Physiol*, 9, 1936.
6. Karanth S, Adams JD, Serrano MLA, Quittner-Strom E, Simcox J, Villanueva CJ, Ozcan L, Holland WL, Yost HJ, Vella A, **Schlegel A** (2018). A hepatocyte FOXN3— α cell glucagon axis regulates fasting glucose. *Cell Rep*, 24(2), 312-319.
7. Zinkhan EK, Yu B, **Schlegel A** (2018). Prenatal exposure to a maternal high fat diet increases hepatic cholesterol accumulation in intrauterine growth restricted rates in part through microRNA-122 inhibition of Cyp7a1. *Front Physiol*, 9, 645.
8. Hugo SE, **Schlegel A** (2017). A genetic model to study increased hexosamine biosynthetic flux. *Endocrinology*, 158(8), 2420-2426.

9. Benitez-Santana T, Hugo SE, **Schlegel A.** (2017). Role of intestinal LXR α in regulating post-prandial lipid excursion and diet-induced hypercholesterolemia and hepatic lipid accumulation. *Front Physiol*, 8, 280.
10. Hugo SE, **Schlegel A** (2017). A genetic screen for zebrafish mutants with hepatic steatosis identifies a locus required for larval growth. *J Anat*, 230(3), 407-413.
11. Karanth S, Zinkhan EK, Hill JT, Yost HJ, **Schlegel A** (2016). FOXN3 regulates hepatic glucose utilization. *Cell Rep*, 15(12), 2745-2755.
12. Safavi-Hemami H, Gajewiak J, Karanth S, Robinson SD, Ueberheide B, Douglass AD, **Schlegel A**, Imperial JS, Watkins M, Bandyopadhyay PK, Yandell M, Li Q, Purcell AW, Norton RS, Ellgaard L, Olivera BM (2015). Specialized insulin is used for chemical warfare by fish-hunting cone snails. *Proc Natl Acad Sci U S A*, 112(6), 1743-8.
13. Cruz-Garcia L, **Schlegel A.** (2014). Lxr-driven enterocyte lipid droplet formation delays transport of ingested lipids. *J Lipid Res*, 55(9), 1944-1958.
14. Karanth S, Tran VM, Kuberan B, **Schlegel A** (2013). Polyunsaturated fatty acyl-Coenzyme As are inhibitors of cholesterol biosynthesis in zebrafish and mice. *Dis Model Mech*, 6(6), 1365-1377.
15. Hugo SE, Cruz-Garcia L, Karanth S, Anderson RM, Stainier DYR, **Schlegel A.** (2012). A monocarboxylate transporter required for hepatocyte secretion of ketone bodies during fasting. *Genes Dev*, 26(3), 282-293.
16. Anderson RM, Bosch JA, Goll MG, Hesselson D, Dong PD, Shin D, Chi NC, Shin CH, **Schlegel A**, Halpern M, Stainier DY (2009). Loss of Dnmt1 catalytic activity reveals multiple roles for DNA methylation during pancreas development and regeneration. *Dev Biol*, 334(1), 213-23.
17. **Schlegel A**, Stainier DY (2006). Microsomal triglyceride transfer protein is required for yolk lipid utilization and absorption of dietary lipids in zebrafish larvae. *Biochemistry*, 45(51), 15179-87.
18. Woodman SE, **Schlegel A**, Cohen AW, Lisanti MP (2002). Mutational analysis identifies a short atypical membrane attachment sequence (KYWFYR) within caveolin-1. *Biochemistry*, 41(11), 3790-5.
19. **Schlegel A**, Wang C, Pestell RG, Lisanti MP (2001). Ligand-independent activation of oestrogen receptor alpha by caveolin-1. *Biochem J*, 359(Pt 1), 203-10.
20. **Schlegel A**, Arvan P, Lisanti MP (2001). Caveolin-1 binding to endoplasmic reticulum membranes and entry into the regulated secretory pathway are regulated by serine phosphorylation. Protein sorting at the level of the endoplasmic reticulum. *J Biol Chem*, 276(6), 4398-408.
21. Hult J, Bash T, Fu M, Galbiati F, Albanese C, Sage DR, **Schlegel A**, Zhurinsky J, Shtutman M, Ben-Ze'ev A, Lisanti MP, Pestell RG (2000). The cyclin D1 gene is transcriptionally repressed by caveolin-1. *J Biol Chem*, 275(28), 21203-9.
22. **Schlegel A**, Lisanti MP (2000). A molecular dissection of caveolin-1 membrane attachment and oligomerization. Two separate regions of the caveolin-1 C-terminal domain mediate membrane binding and oligomer/oligomer interactions in vivo. *J Biol Chem*, 275(28), 21605-17.
23. **Schlegel A**, Wang C, Katzenellenbogen BS, Pestell RG, Lisanti MP (1999). Caveolin-1 potentiates estrogen receptor alpha (ERalpha) signaling. caveolin-1 drives ligand-independent nuclear translocation and activation of ERalpha. *J Biol Chem*, 274(47), 33551-6.

24. **Schlegel A**, Schwab RB, Scherer PE, Lisanti MP (1999). A role for the caveolin scaffolding domain in mediating the membrane attachment of caveolin-1. The caveolin scaffolding domain is both necessary and sufficient for membrane binding in vitro. *J Biol Chem*, 274(32), 22660-7.
25. Galbiati F, Volonte D, Gil O, Zanazzi G, Salzer JL, Sargiacomo M, Scherer PE, Engelman JA, **Schlegel A**, Parenti M, Okamoto T, Lisanti MP (1998). Expression of caveolin-1 and -2 in differentiating PC12 cells and dorsal root ganglion neurons: caveolin-2 is up-regulated in response to cell injury. *Proc Natl Acad Sci U S A*, 95(17), 10257-62.
26. Ikezu T, Trapp BD, Song KS, **Schlegel A**, Lisanti MP, Okamoto T (1998). Caveolae, plasma membrane microdomains for alpha-secretase-mediated processing of the amyloid precursor protein. *J Biol Chem*, 273(17), 10485-95.

REVIEW ARTICLES

1. **Schlegel A** (2016). Zebrafish models for dyslipidemia and atherosclerosis research. [Review]. *Front Endocrinol (Lausanne)*, 7, 159.
2. **Schlegel A**, Gut P (2015). Metabolic Insights from Zebrafish Genetics, Physiology, and Chemical Biology. [Review]. *Cell Mol Life Sci*, 72, (12), 2249-2260.
3. Schlegel, A (2012). Studying nonalcoholic fatty liver disease with zebrafish-- a confluence of optics, genetics, and physiology. [Review]. *Cell Mol Life Sci*, 69, (23), 3965-3961.
4. **Schlegel A**, Stainier DY (2007). Lessons from "lower" organisms: what worms, flies, and zebrafish can teach us about human energy metabolism. [Review]. *PLoS Genet*, 3, (11), e199.
5. Razani B, **Schlegel A**, Liu J, Lisanti MP (2001). Caveolin-1, a putative tumour suppressor gene. [Review]. *Biochem Soc Trans*, 29, (Pt 4), 494-9.
6. **Schlegel A**, Pestell RG, Lisanti MP (2000). Caveolins in cholesterol trafficking and signal transduction: implications for human disease. [Review]. *Front Biosci*, 5, D929-37.
7. Razani B, **Schlegel A**, Lisanti MP (2000). Caveolin proteins in signaling, oncogenic transformation and muscular dystrophy. [Review]. *J Cell Sci*, 113 (Pt 12), 2103-9.
8. **Schlegel A**, Volonte D, Engelman JA, Galbiati F, Mehta P, Zhang XL, Scherer PE, Lisanti MP (1998). Crowded little caves: structure and function of caveolae. [Review]. *Cell Signal*, 10, (7), 457-63.
9. Okamoto T, **Schlegel A**, Scherer PE, Lisanti MP (1998). Caveolins, a family of scaffolding proteins for organizing "preassembled signaling complexes" at the plasma membrane. [Review]. *J Biol Chem*, 273, (10), 5419-22.

ADDITIONAL PUBLICATIONS

Case Reports

1. **Schlegel A**, Petersen WC, Holbrook AA, Iverson LK, Graham TE (2023). A Novel INS Mutation in the C-Peptide Region Causing Hyperproinsulinemic Maturity Onset Diabetes of Youth Type 10. *Lab Med*, 54(3), 327-32
2. **Schlegel A** (2022). Macroprolactinoma-Induced Syndrome of Inappropriate Antidiuresis and Its Reversal with Dopamine Agonist Therapy. *Lab Med*, 53(5), 537-539.
3. **Schlegel A** (2022). Identifying glucocorticoid insufficiency in silent corticotroph adenoma with elevated adrenocorticotrophic hormone . *Lab Med*, 53(1), 91-94.

4. Rios M, Wahl MP, Simmons DL, **Schlegel A** (2020). Skull base lymphoma with panhypopituitarism. *Lancet Oncol*, 21(8), 55.
5. **Schlegel A** (2004). 25-year follow-up of a case of giant cell aortitis. *Am J Med*, 117(8), 625.
6. **Schlegel A** (2004). Factitious granulomatous hepatitis? *Am J Med*, 116(7), 500-1.

Editorials

1. Schlegel, A (02/01/2015). Studying lipoprotein trafficking in zebrafish, the case of chylomicron retention disease. *J Mol Med (Berl)*, 93(2), 115-118.

Letters

1. Schlegel, A (2018). Glucocorticoids with or without fludrocortisone in septic shock [Letter to the editor]. *N Engl J Med*, 379(9), 893.
2. Schlegel, A (2015). Metyrapone stimulation test to diagnose central adrenal insufficiency [Letter to the editor]. *Lancet Diabetes Endocrinol*, 3(6), 407.
3. Schlegel, A (2015). Monocarboxylate Transporter 1 deficiency and ketone utilization [Letter to the editor]. *N Engl J Med*, 372(6), 578.
4. **Schlegel A** (2008). Hair loss in women [Letter to the editor]. *N Engl J Med*, 358(5), 533.
5. **Schlegel A** (2007). Case31-2006: A girl with severe obesity [Letter to the editor]. *N Engl J Med*, 356(2), 194.
6. **Schlegel A** (2006). Dyspnea and heart failure in the emergency department [Letter to the editor]. *JAMA*, 295(10), 1122.
7. **Schlegel A** (2005). The dry pipeline of antiarrhythmic therapies [Letter to the editor]. *Ann Intern Med*, 142(10), 871.
8. **Schlegel A** (2005). Amiodarone versus sotalol for atrial fibrillation [Correction New Engl J Med. 2005; 353:1869] [Letter to the editor]. *N Engl J Med*, 353(6), 627-630.
9. **Schlegel A** (2005). Electrocardiographic findings in non-ST-segment elevation myocardial infarction [Letter to the editor]. *JAMA*, 293(4), 423.
10. **Schlegel A** (2004). Adiponectin and risk of coronary heart disease [Letter to the editor]. *JAMA*, 292 (1), 40.
11. **Schlegel A** (2003). Effect of a match on salaries for medical fellows [Letter to the editor]. *JAMA*, 290(18), 2408.

Newspapers

1. **Schlegel A** (2007). Medical Advice. *Economist*, p. 16.

PENDING PUBLICATIONS

Case Reports

1. **Schlegel A** (In Press). Macroprolactinoma-induced syndrome of inappropriate antidiuresis and its reversal with dopamine agonist therapy. *Lab Med*.
2. **Schlegel A** (In Press). Transheterozygosity of a pathological *LDLR* variant and a protective *APOB* variant results in a mild and treatment-responsive heterozygous familial hypercholesterolemia phenotype. *Lab Med*.

POSTER PRESENTATIONS

- 2017 Benitez-Santana T, Hugo SE, **Schlegel A.** *Intestinal LXR Directs Absorbed Lipids to Storage. ATVB-PVD Scientific Sessions 2017. Minneapolis, MN.* Poster session presented at ATVB-PVD 2017, Minneapolis, MN.
- 2011 **Schlegel A.** *A monocarboxylate transporter required for hepatocyte secretion of ketone bodies during fasting.* Poster session presented at Kern Aspen Lipid Conference, Vail, CO.
- 2007 **Schlegel A,** Stainier DYR.. *Molecular genetics of obesity and its related illnesses: using zebrafish larva to study fat metabolism.* Poster session presented at Keystone Symposia. Nuclear receptors pathways and Metabolic Syndrome (Z1/Z2), Steamboat Springs, CO.
- 1999 **Schlegel A,** Lisanti MP. *The caveolin scaffolding domain mediates the membrane attachment of caveolin-1.* Poster session presented at Aspen '99 Medical Scientist Training Program Annual MD/PhD Student Conference, Aspen, CO.

ORAL PRESENTATIONS

Meeting Presentations

International

- 2019 Santhosh Karanth, William L. Holland, Amnon Schlegel. FOXN3 is a glucagon-regulated transcriptional repressor that controls liver metabolism. Cold Spring Harbor Laboratory Meeting: Mechanisms of Metabolic Signaling. Cold Spring Harbor, NY, USA
- 2017 Amnon Schlegel. Intestinal LXR Routes Absorbed Lipids. FASEB Scientific Conference on Molecular, Physiological and Therapeutic Studies of Intestinal Lipid Transport and Metabolism. Snowmass, CO, USA
- 2017 Tibiábin Benítez Santana, Amnon Schlegel*. Activating intestinal Liver X Receptor to dampen dyslipidemia and atherosclerosis. 7th Strategic Conference of Zebrafish Investigators. Pacific Grove, CA, USA
- 2016 Santhosh Karanth, Erin K. Zinkhan, Jonathon Hill, H. Joseph Yost, and Amnon Schlegel (podium speaker). FOXN3 regulates hepatic glucose utilization. Feeding Behavior, Nutrition and Metabolism: Emerging Model Organisms Workshop. The Allied Genetics Conference, Orlando, Florida, USA
- 2014 Santhosh Karanth (podium speaker), Nikita Abraham, Vy My Tran, Jonathon Hill, Kuberan Balagurunathan, H Joseph Yost, and Amnon Schlegel. Zebrafish forward and reverse genetics to discover novel regulators of hepatic metabolism. Joint IUBMB-RCB Advanced School – 2014, Diabetes and Metabolic Syndrome, Networks, Crosstalks and Interventions. Haryana, India
- 2014 Amnon Schlegel. Lxr Delays Absorption of Ingested Lipids. The 7th Zebrafish Disease Models Conference. Madison, WI, USA
- 2014 Amnon Schlegel. Intestinal Lxr Induction of Acsl3 Delays Absorption of Ingested Lipids. Gordon Research Conference on Lipoprotein Metabolism. Waterville Valley, NH, USA
- 2013 Santhosh Karanth, Vy My Tran, Balagurunathan Kuberan, Amnon Schlegel (podium speaker). Inhibition of HMG-CoA Reductase by Fasting Metabolites. 5th Strategic Conference of Zebrafish Investigators. Pacific Grove, CA, USA

2011 Amnon Schlegel. A monocarboxylate transporter required for hepatocyte secretion of ketone bodies during fasting. Gordon Research Conference on Molecular and Cellular Biology of Lipids. Waterville Valley, NH, USA

National

2018 Santhosh Karanth, J.D. Adams, Maria de los Angeles Serrano, Ezekiel B. Quittner-Strom, Judith Simcox, Claudio J. Villanueva, Lale Ozcan, William L. Holland, H. Joseph Yost, Adrian Vella, and Amnon Schlegel. A Hepatocyte FOXN3-alpha Cell Glucagon Axis Regulates Fasting Glucose. Utah Fish Conference 2018 (UFC2018), Salt Lake City, UT, USA.

2013 Amnon Schlegel. Regulation of intestinal fatty acid absorption by Liver X Receptor. Metabolism Symposium, University of Utah, Salt Lake City, UT, USA

Local/Regional

2019 Amnon Schlegel. FOXN3 regulation of hepatic gluconeogenesis. University of Utah Diabetes and Metabolism Research Center. Diabetes and Metabolism Fall Retreat, Salt Lake City, UT, UTSA

2016 Amnon Schlegel. Molecular Genetic Approaches to Finding New Factors Regulating Metabolism. Obesity and Metabolism Interest Group (medical students), University of Utah, Salt Lake City, UT, USA

2016 Amnon Schlegel. . FOXN3 and pathological control of fasting glucose metabolism. Seminars in Metabolism (formerly Metabolism Interest Group), University of Utah, Salt Lake City, UT, USA

2011 Amnon Schlegel. Fasting hepatic steatosis: what zebrafish molecular genetics reveals about energy homeostasis. Zebrafish Interest Group. University of Utah. Salt Lake City, UT, USA

2011 Amnon Schlegel. A zebrafish molecular genetics system for studying energy metabolism. Department of Biochemistry. University of Utah. Salt Lake City, UT, USA

2011 Amnon Schlegel. Fasting hepatic steatosis: what zebrafish molecular genetics reveals about energy homeostasis. Metabolism Interest Group, University of Utah, Salt Lake City, UT, USA

2010 Amnon Schlegel. A zebrafish molecular genetic approach to studying hepatic lipid metabolism. University of Utah School of Medicine Research Trainee Symposium: Molecular Medicine and Medical School Research Programs, Snow Park Lodge, Deer Valley Resort, Park City, UT, USA

Invited/Visiting Professor Presentations

International

2018 Amnon Schlegel. Elucidating Diabetes Polygenetics, One Gene at a Time, University of Manitoba, Winnipeg, Manitoba, Canada

2015 Amnon Schlegel. Elucidating novel facts of metabolism with zebrafish genetics. University of Edinburgh British Heart Foundation Centre for Cardiovascular Research, Edinburgh, Scotland, United Kingdom.

2014 Amnon Schlegel. Lxr Control of Intestinal Lipid Trafficking. University Health Network, University of Toronto, Toronto, ON, Canada

- 2014 Amnon Schlegel. Metabolic regulation and hepatic steatosis, St. Michael's Hospital, University of Toronto, Toronto, ON, Canada
- National
- 2018 Amnon Schlegel. How the liver talks back to the pancreatic alpha cell, a FoxN3y story. Medical College of Wisconsin, Milwaukee, Wisconsin, USA
- 2018 Amnon Schlegel. Liver FOXN3 and Glucagon in Fasting Metabolism. Diabetes and Metabolism Research Center, The Ohio State University, Columbus, Ohio, USA
- 2016 Amnon Schlegel. New Players and New Tricks for Regulating Sugar and Fat, a Piscine Adventure. DeWitt Goodman Seminar Series, Columbia University Medical Center, New York, New York USA
- 2016 Amnon Schlegel. Intestinal lipid handling and atherogenesis- a piscine genetic revival. Albert Einstein College of Medicine, Bronx, New York, USA
- 2016 Amnon Schlegel. New factors gating sugar and fat transport, a fishy story. University of Pittsburgh, Pennsylvania, USA
- 2015 Amnon Schlegel. Zebrafish genetic insights into metabolism. University of California San Diego, San Diego, California, USA
- 2015 Amnon Schlegel. A zebrafish platform for studying lipid metabolism. Temple University School of Medicine, Philadelphia, PA, USA
- 2014 Amnon Schlegel. Using zebrafish genetics to elucidate novel facets of lipid metabolism. Sanford Burnham Medical Research Institute at Lake Nona, Orlando, Florida, USA
- 2014 Amnon Schlegel. Zebrafish genetic and physiological approaches to studying lipid metabolism. New York University, New York, NY, USA
- 2014 Amnon Schlegel. Zebrafish genetic and physiological approaches to studying lipid metabolism. Yale University, New Haven, CT, USA
- 2014 Amnon Schlegel. Intestinal Lxr Induction of Acl3 Delays Absorption of Ingested Lipids. Cleveland Clinic, Cleveland, OH, USA
- 2013 Amnon Schlegel. Passing through a ketone body transporter: from a genetic screen for zebrafish hepatic steatosis mutants to identifying inhibitors of HMG-Coenzyme A reductase. University of Iowa. Iowa City, Iowa, USA
- 2013 Amnon Schlegel. Pace-setting intestinal lipid harvest by Liver X receptor, University of Wisconsin, Madison, Wisconsin, USA
- 2013 Amnon Schlegel. Passing through a ketone body transporter: from a genetic screen for zebrafish hepatic steatosis mutants to identifying "endogenous" inhibitors of HGM-CoA reductase. Diabetes Research Center, Washington University School of Medicine, St. Louis, MO, USA
- 2012 Amnon Schlegel. De-orphaning a monocarboxylate transporter with zebrafish genetics. Membrane Trafficking Minisymposium. University of Utah. Salt Lake City, UT, USA
- 2012 Amnon Schlegel. Ketone body transport, a new node of liver lipid metabolism. Metabolism Interest Group and University of Utah Molecular Medicine Program Joint Symposium on Diabetes, Metabolism and Vascular Complications Symposium. Salt Lake City, UT, USA

- 2010 Amnon Schlegel. University of Louisville, Louisville, KY, USA
- 2009 Amnon Schlegel. A molecular genetic approach to studying hepatic metabolism, University of California San Francisco Diabetes Center Retreat, Asilomar Conference Grounds, Pacific Grove, CA, USA
- 2009 Amnon Schlegel, University of Michigan, Ann Arbor, MI, USA
- 2009 Amnon Schlegel. Wayne State University, Detroit, MI, USA
- 2009 Amnon Schlegel. University of Utah, Salt Lake City, UT, USA
- 2009 Amnon Schlegel. University of Rochester, Rochester, NY, USA
- 2009 Amnon Schlegel. A molecular genetic approach to studying hepatic metabolism, UCSF Liver Center Advisory Board Meeting, University of California San Francisco, San Francisco, CA, USA
- 2008 Amnon Schlegel. University of Texas Southwestern School of Medicine, Dallas, TX, USA
- 2007 Amnon Schlegel. Building a molecular genetic framework for non-alcoholic fatty liver disease using zebrafish. Washington University in St. Louis, St. Louis, MO, USA
- 2007 Amnon Schlegel. Liver Branch, National Institute of Diabetes and Digestive, and Kidney Diseases, Bethesda, MD, USA
- 2006 Amnon Schlegel. Identifying novel regulators of lipid metabolism using zebrafish. University of Michigan, Ann Arbor, MI, USA

Local/Regional

- 2020 Amnon Schlegel. Setting normal fasting blood glucose. University of Utah Department of Internal Medicine Research Seminar. Salt Lake City, UT, USA

Grand Rounds Presentations

- 2018 Amnon Schlegel. Diabetes Drugs in Stroke and Beyond. Department of Neurology, University of Utah School of Medicine, Salt Lake City, Utah, USA
- 2017 Amnon Schlegel. Intestinal Liver X Receptor, A Therapeutic Target for Postprandial Dyslipidemia. UCSF, Department of Medicine, Endocrine Grand Rounds, San Francisco, California, USA
- 2016 Amnon Schlegel. SGLT-2 Inhibitors: How Triggering Glycosuria in Type 2 Diabetes Mellitus Protects the Kidney and Heart. Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, Utah, USA
- 2013 Amnon Schlegel. Triglyceride disorders for the internist. Grand Rounds. Department of Internal Medicine, University of Utah School of Medicine, Salt Lake City, UT, USA
- 2013 Amnon Schlegel. Hepatic ketone body transport- from zebrafish genetics to a new mode of integrating fasting physiology. Endocrine Grand Rounds, Stanford University School of Medicine, Stanford, CA, USA
- 2013 Amnon Schlegel. Hepatic ketone body transport- from zebrafish genetics to a new mode of integrating fasting physiology. UCSF, Department of Medicine, Endocrine Grand Rounds, San Francisco, CA, USA

- 2011 Amnon Schlegel. The Endocrine View of Postural Orthostasis Tachycardia Syndrome. Endocrine Grand Rounds. University of Utah School of Medicine, Salt Lake City, Utah, USA
- 2008 Amnon Schlegel. Building a Molecular Genetic Framework for the Study of Nonalcoholic Fatty Liver Disease. UCSF Department of Medicine, Endocrine Grand Rounds, San Francisco, CA, USA
- 2005 Amnon Schlegel. Adrenal Insufficiency in Critical Illness. San Francisco General Hospital, Department of Medicine Grand Rounds, San Francisco, CA, USA

INTELLECTUAL PROPERTY

Patents

- 12/15/2016 Safavi-Hemami H, Olivera BM, Gajewiak J, Karanth S, , Bandyopadhyay P, Yandell M, Robinson S (12/15/2016). Insulin analogs having shortened b chain peptides and associated methods. WO 2016172269 A3