

CURRICULUM VITAE – 02/20/2018

NAME:

CAROL A. CASEY, Ph.D.

HOME ADDRESS:

902 Hillcrest Drive
Omaha, NE 68132
Phone: (402) 558-5324

CAMPUS ADDRESS:

Research Service (151)
Department of Veterans Affairs Medical Center
4101 Woolworth Avenue
Omaha, Nebraska 68105
Phone: (402) 995-3737
FAX (402) 449-0604
Email: ccasey@unmc.edu

PLACE OF BIRTH:

Chamberlain, South Dakota

EDUCATION:

B.A. - Biology Sept. 1972 - May 1976
Augustana College
Sioux Falls, South Dakota

Ph.D. – Biology Sept. 1976 - Oct. 1980
Rice University
Houston, Texas

POSTDOCTORAL TRAINING:

Postdoctoral Research Fellow Nov. 1980 - July 1984
Department of Biochemistry
University of Minnesota/Duluth
Duluth, Minnesota

ACADEMIC APPOINTMENTS:

Professor Departments of Internal Medicine and Biochemistry University of Nebraska College of Medicine	July 2004 - present
Research Career Scientist Veterans Administration, Omaha DVA	Oct. 1999 - present
Associate Professor Departments of Internal Medicine and Biochemistry University of Nebraska College of Medicine	July 1992 - present
Assistant Professor Departments of Internal Medicine and Biochemistry University of Nebraska College of Medicine	Oct. 1984 - July 1992
Member, Graduate Faculty University of Nebraska Medical Center	1989 - 1991
Fellow, Graduate Faculty University of Nebraska Medical Center	1991 - present

GRANT SUPPORT (as **Principal Investigator**):

NIH/NIAAA R01 AA020735-01 Title: Altered Lipid Droplet Trafficking: Role in Alcoholic Fatty Liver Disease Amount: \$2,225,000 Multiple PI: Carol A. Casey, Ph.D. and Mark A. McNiven, Ph.D.	08/01/11 – 07/31/21
Research Career Scientist Award (VA Salary Award) Amount: \$200,000/year Principal Investigator: Carol A. Casey, Ph.D.	10/01/99 – 09/30/19
NIH/NIAAA, 1 R21AA022556-01A1 Title: Alcohol-impaired CEA processing: Role in liver metastases in colorectal cancer Amount: \$275,000 Role: PI	10/01/13-09/30/15
UNMC/Nebraska Research Initiative (NRI), Casey (MPI) Title: Endocytosis mechanisms in early events of fatty liver disease Amount: 100,000 Role: MPI with Ed Harris, PhD and Cliff Stains, PhD	07/01/13 – 06/30/15
NIH 5RC1 AA019032-02 Title: Regulation of Alcohol-induced Fatty Liver Disease by Lipid Droplet Trafficking	10/01/10 – 09/30/12

Amount: \$1,000,000
Multiple PI: Carol A. Casey, Ph.D., and Mark A. McNiven, Ph.D.

VAMC Merit Award July 2007 –October 2011
Title: Altered Receptor-Mediated Endocytosis:
Its Role in Alcoholic Apoptosis
Amount: \$525,000
Principal Investigator: Carol A. Casey, Ph.D.

R01 NIAAA #AA07846-18 Jan. 2004 - Dec.2011
Title: Effects of Ethanol on Endocytosis in Liver
Amount: \$900,000
Principal Investigator: Carol A. Casey, Ph.D.

VAMC Merit Award Oct. 2002 - Sept. 2006
Title: Altered Receptor-Mediated Endocytosis:
Its Role in Alcoholic Apoptosis
Amount: \$540,000
Principal Investigator: Carol A. Casey, Ph.D.

College of Medicine Research Grant July 2004 – June 2005
Title: Alcohol and Smoking: Models to Evaluate Tissue Injury
Amount: \$30,000
Principal Investigator: Carol A. Casey, Ph.D.

UNMC Bridge Grant:
Title: Effects of ethanol on endocytosis in liver Feb. 2003 - Jan. 2004
Amount: \$50,000
Principal Investigator: Carol A. Casey, Ph.D.

Alcoholic Beverage Medical Research Foundation Jan. 2001 – Dec. 2002
Title: Ethanol-Induced Apoptosis in an Asialoglycoprotein
Receptor (ASGP-R) Deficient Knockout Mouse
Amount: \$80,000
Principal Investigator: Carol A. Casey, Ph.D.

R01 NIAAA #AA07846 Sept. 1998 – Aug. 2002
Title: Effects of Ethanol on Endocytosis in Liver
Amount: \$570,000
Principal Investigator: Carol A. Casey, Ph.D.

VAMC Merit Award Oct. 1998 – Sept. 2002
Title: Altered Receptor-Mediated Endocytosis:

Its Role in Alcoholic Apoptosis

Amount: \$620,000
Principal Investigator: Carol A. Casey, Ph.D.

Department of Veterans Affairs Jan. 1999 – Dec. 2004
Title: Alcohol Research Center
Amount: \$1,600,000
Dr. Casey's Role: Core Investigator; Supervisor Biochemistry Core Facility
Director: Dean J. Tuma, Ph.D.

UNMC Seed Grant July 1998 – Dec. 1999
Title: Alcoholic liver injury and apoptosis: A role for altered asialoglycoprotein receptor function
Amount: \$15,000
Principal Investigator: Carol A. Casey, Ph.D.

Alcoholic Beverage Medical Research Foundation July 1997 - June 1999
Title: Induction of Apoptosis in Ethanol-fed Rats
Amount: \$80,000
Principal Investigator: Carol A. Casey, Ph.D.

K02 - Research Career Development Award May 1994 - April 1999
NIAAA # AA00185-02
Title: Effect of Ethanol on Endocytosis in Liver
Amount: \$281,250
Principal Investigator: Carol A. Casey, Ph.D.

R01 NIAAA #AA07846 July 1993 - June 1998
Title: Effects of Ethanol on Endocytosis in Liver
Amount: \$860,000
Principal Investigator: Carol A. Casey, Ph.D.

Veterans Administration Center Grant Jan. 1996 - Dec. 1998
Title: Alcohol Research Center
Amount: \$850,000
Dr. Casey's Role: Core Investigator; Supervisor Biochemistry Core Facility
Director: Dean J. Tuma, Ph.D.

F.I.R.S.T. Award NIAAA # AA07846 July 1988 - June 1993
Title: Effects of Ethanol on Receptor-Mediated Endocytosis in Liver
Amount: \$350,000
Principal Investigator: Carol A. Casey, Ph.D.

Veterans Administration Center Grant Jan. 1991 - Dec. 1996
Title: Alcohol Research Center

Amount: \$1,250,000
Dr. Casey's Role: Core Investigator; Supervisor
Biochemistry Core Facility
Director: Dean J. Tuma, Ph.D.

University of Nebraska Medical Center Seed Grant July 1986 - June 1987
Title: Use of Long-Term Hepatocyte Monolayers to
Examine Chronic Effects of Ethanol In Vitro
Amount: \$6,500
Principal Investigator: Carol A. Casey, Ph.D.

National Institutes of Health Postdoctoral Oct. 1982 - May 1984
Fellowship Award
Title: Urea Cycle Enzymes in Elasmobranchs
Amount: \$22,400
Principal Investigator: Carol A. Casey, Ph.D.

GRANT activity as Mentor and co-Investigator – recent 5 years:

NIAAA/NIH 1 R21 AA025445-01A1 10/1/17-09/30/19
Award amount: \$275,000 for two years
The Effectiveness of NanoSOD in Ameliorating Ethanol-induced Liver Injury in Obesity
Goal. The goal of this project is to determine the effectiveness of non-targeted SOD1 nanoformulation in ameliorating alcoholic liver disease in obesity.
Role: Co-investigator
Effort: 0.05

NIH, 1 P20 GM113126-01, Takas and DeRusso, MPI 08/01/16-04/30/21
Nebraska Center for Integrated Biomolecular Communication (CIBC)
This is a COBRE from the NIH. I serve as a mentor for two of the younger investigators on the grant (Armen Petrosyan, MD, PhD and Sri Kidambi, PhD).
Role: Mentor
Effort: 0.02

1 K01 AA024254-01A1, Rasineni (PI); Casey (mentor) 05/01/16–04/30/21
NIH/NIAAA, Annual Direct Costs: \$121,000
Pancreas-Adipose-Liver Axis: Role of Ghrelin and Insulin in Alcoholic Fatty Liver
Goal: Dr. Rasineni, the PI, is a new investigator who is studying the hypothesis that alcohol administration results in increased serum ghrelin levels and decreased pancreatic Rab3D content, both of which contribute to impaired insulin secretion from pancreatic β -cells.
Role: Mentor, no salary monies

1 K01 AA022979-01A1, Petroysan (PI); Casey (mentor) 09/01/14-08/31/19
NIH/NIAAA, Annual Direct Costs: \$105,942
Alcohol effect on Golgi morphology and function

Goal: This application is a K01 (mentored) grant by an excellent new investigator to examine the effect of alcohol administration on Golgi morphology and function in *in vitro* and *in vivo* models.

Role: Mentor, no salary monies

1P20GM104320-01, Zemleni (PI); Casey (mentor) 08/01/14-7/31/19
NIH/NIGMS, Annual Direct Costs: \$2,400,000
COBRE Center for Biomedical Excellence: Nebraska Preventative Obesity Diseases (NPOD)

Goal: The goal of this COBRE is to fund young scientists aiming to examine obesity-related diseases. My role in the COBRE is as a mentor for Dr. Sathish Natarajan, one of the young investigators who has a project in the overall Center application.

Role: Mentor of Project 1; no salary monies derived from this award

CONSULTING POSITIONS:

Co-Chair, ESBRA Symposium: Alcoholic Fatty Liver Disease: Use of Animal and Cell Models for Identification of Potential Novel Therapeutic Targets and Implications of Alcohol-therapeutic Interactions	2017
Moderator, Gordon Research Conference on Alcohol	2017
Field Editor, ACER (Alcohol-Clin-Exp-Res)	2015 - 2018
Member, NIAAA Advisory Council	2013 - 2017
Co-Chair, ESBRA Symposia: The influence of the innate immune system on the gut-liver-brain axis after chronic alcohol abuse	2015
Organizer and Co-Chair, RSA Symposia: "Gut-Liver-Brain Interactions: Effects of Alcohol"	2015
Member, RSA Program Committee	2015-2016
Member, RSA Nominations Committee	2015
Steering Committee, AASLD SIG – Hepatic Cell Biology	2014-2016
Ad-hoc Member, Research Career Scientist Eval Committee	2015
Visiting Professor, Temple University, Philadelphia, PA	2014
Visiting Professor & Symposia speaker, KUMC	2013
Organizer and co-chair, ESBRA 2013 symposia	2013
Organizer and co-chair, RSA 2013 symposia	2013
Visiting Professor, University of Nebraska/Lincoln	2013
Visiting Professor, NovaSoutheastern University	2013
Organizer and Chair, RSA symposia	2012
Organizer and Chair, ISBRA symposia (Soporro, Japan)	2012
Ad-Hoc Reviewer, NIAAA (Average 3 committees/yr)	2000-2012
Visiting Professor, Mt. Sinai School of Medicine	2010-2012
Session Host, "New Insights into Alcoholic Liver Injury", DDW	2011
Symposia presentation: NIAAA Reviewer Update, RSA	2011
Organizer and co-Chair "Trapping the Fats": Role of Impaired Lipid Droplet Trafficking in Alcohol-induced Liver Injury, ISBRA 2010	2010
Visiting Professor, Mount Sinai School of Medicine	2010

Visiting Professor, Albert Einstein School of Medicine	2009
Member, VA Clinical Scientist Review Panel	2009
Regular Member, AA1 Study Section, NIAAA	2004-2009
Organizer and Co-Chair “Involvement of Inflammatory Mediators in Alcohol-Induced Liver Injury” Research Society for Alcohol and International Society For Biomedical Research on Alcohol, Washington, DC	2008
Visiting Professor, George Washington University	2007
Regular Member GAST Study Section, VAMC	2000 - 2007
Organizer and co-Chair “Alcohol-induced Steatosis: Gateway to Inflammation and Fibrosis?” International Society for Biomedical Research on Alcohol, Sydney Australia,	2006
Visiting Professor, Georgetown University	2004
Visiting Professor, National Univ. of Singapore & Nanping Technical Institute	2003, 2005, 2007
Visiting Professor, Washington VAMC	2001, 2002
Organizer “Alcoholic Liver Injury and Apoptosis” European Society for Biomedical Research on Alcohol Paris, France, Sept 15-18, 2001	2001
Invited Speaker: “Ethanol and Membrane Protein Trafficking: Diverse Mechanisms of Ethanol Action” Research Society of Alcohol Montreal, Canada, June, 2001	2001
Visiting Professor, University of Arizona	2001, 2004
Co-Chair of symposium “Alcoholic Liver Disease and Apoptosis International Society for the Biomedical Research on Alcohol (ISBRA), Yokohama, Japan, June 2000	2000
Visiting Professor, Mount Sinai School of Medicine	1999
Invited speaker, International Society for Biomedical Research on Alcohol, Copenhagen, Denmark	1998
Visiting Professor, University of Minnesota Duluth	1998
Invited speaker, 1 st International Symposium on the Molecular Pathology and Clinical Aspects of Inflamed Liver: Alcohol and Cytokines Toronto, Canada	1998
Visiting Professor, University of Southern California	1998
Invited Speaker, ASSLD Single Topic Conference “Vesicular Trafficking in Hepatic Epithelial Cells” Airlie, VA	1997
Visiting Professor, University of Arizona Medical Center	1997
Visiting Professor, Albert Einstein College of Medicine	1996
Visiting Professor, University of Missouri, Columbia Nutrition Research Group	1996
Invited Speaker at International Society for Biomedical Research on Alcoholism (ISBRA)/Research Society for Alcohol (RSA) Meeting, Washington, D.C.	1996

Ad Hoc - Special Review Committee, NIAAA	1996
Invited Speaker at Gordon Conference	1996
"Effects of Ethanol on Cell Metabolism and Cell Injury" Ventura, CA	
Co-Organizer and Co-Chairman of Symposium:	1995
"Hepatic Membrane Trafficking and Signaling"	
Research Society on Alcohol and Alcoholism	
Steamboat Springs, Colorado	
AD Hoc Reviewer - Initial Review Group	1995, 1996
Study Section, National Institute on Alcohol Abuse and Alcoholism	
AD Hoc Reviewer - Program Project Reverse Site Visit, NIDDK	1995, 1996
Invited Speaker at Research Society on Alcoholism	1994
Symposium: "Ethanol and Glycoconjugates"	
Maui, Hawaii	
Visiting Professor, Mayo School of Medicine	1993
Reviewer - VA Merit Review Applications	1992, 1995-1999

HONORS AND AWARDS:

Valedictorian, Mitchell Senior High School	1972
Regents Scholarship, Augustana College	1972 - 1976
Beta Beta Beta (Biological Honor Society)	1975 - 1976
Graduated B.A. Magna Cum Laude, Augustana College	1976
Distinguished Scientist, UNMC	2006
Career Excellence Award, Internal Medicine, UNMC	2015
UNMC Outstanding Faculty Mentor of Junior Faculty Award	2016

MEMBERSHIP & OFFICES IN PROFESSIONAL SOCIETIES:

American Society for Biochemistry and Molecular Biology (ASBMB)	
Research Society for Alcoholism (RSA)	
Member, RSA Awards Committee (1993 – 1995)	
Secretary, RSA (2017-2019)	
American Association for the Study of Liver Diseases (AASLD)	
Member, Basic Research Committee (1988-1991; 2005-2008)	
Member, Program Evaluation Committee: (2002-2004)	
Member, Abstract Review Committee: (2006 – 2010)	
International Society for Biomedical Research on Alcohol (ISBRA)	
Sigma Xi, the Scientific Research Society	
Vice President (2015-present)	
American Society for Cell Biology (ASCB)	
American Association for the Advancement of Science (AAAS)	

COMMITTEE ASSIGNMENTS:

Member, ZZA1 NIH Review Panel	2018
Member, UNMC Graduate Council	2017-present
Member, P50 Review, NIAAA	2017
Member, VA Research and Development Committee	2018 - present

Member, Internal Medicine Task Force Development Comm.	2015 - present
Member, VA IACUC subcommittee	2014 - 2017
Member, National Advisory Council on Alcohol Abuse and Alcoholism	2012 - 2016
Member, PhD supervisory committees, UNMC	2000 - present
Midwest Medical Student Research Forum Judge	1991 - present
Member, Internal Medicine Basic Research Committee	1999 – present
Member, Confocal Core Committee, UNMC	2012-2015
Member, Research and Career Development Awards Committee AASLD and DDW	2011 – 2014
Vice-Chair, IACUC subcommittee, Omaha, VAMC	2010 - 2014
Member, P20 External Advisory Board, Mt. Sinai School of Med	2010 – 2013
Ad hoc member, NIH/CSR, SEP committees (approximately 2-3 per year)	2002 - 2012
Ad-hoc Member, SBIR study section (NIH)	2010
Ad-hoc Member, NIAAA SEP (3 meetings; chair of one)	2010
Member, VA CADE-CPGE Career Development Review	2009
Member AA1 (NIAAA study section) (Chair, June 2005 meeting)	2005 - 2009
Member, Abstract Selection Committee, AASLD and DDW	2006 - 2010
Member, R&D Committee, Omaha VAMC	2008 - 2011
Member, Confocal Committee, UNMC	2002 – 2009
Ad-hoc member, Research and Development Committee Omaha VAMC	2007 - 2008
Member, CADE Committee, National VAMC	2007
Member, Basic Research Committee, AASLD	2005 - 2007
Member, Merit Review Subcommittee for Gastroenterology (GAST), VAMC (Chair, November 2005 meeting)	2003 – 2006
Ad-hoc member, SSS-3 Study Section, SBIR, NIH (Chair, Oct. 2002 meeting)	2001 - 2009
Member, Safety/Biosafety Committee Omaha VAMC	2004 - 2006
Member, Research Enhancement & Education Committee (REEC) Omaha VAMC	2003 - 2009
Member, Member conflict NIH Study Section	2001, 2002
Member, Curriculum Committee, UNMC Biochemistry	1999 – 2006
Member, “What’s New in GI” Editorial Board, American Journal of Gastroenterology	1997 - 2002
Member, Program Evaluation Committee	2002 - 2005
American Association for the Study of Liver Diseases (AASLD)	
Member, Ad Hoc Committee(s), Minority Predoctoral Fellowship applications (Chair, July, 1999 meeting)	1999 - 2001
Member, Search Committee UNMC Biochemistry Department	2001 - 2002
Ad-Hoc member, GAST- VA Merit Review Board	2000 - 2002

Ad-Hoc member, GMA2 NIH Study Section	1999
Member, Editorial Advisory Board, “Alcohol, Health and Research World”, NIAAA	1998 - 2001
Member, Animal Studies Subcommittee, Omaha VAMC (Chair, 2000)	1998 – 2001
Regular Member, NIH Study Section (AITx4)	1997 – 1999
Regular Member, Biochemistry, Physiology, and Medicine Subcommittee of the Alcohol Biomedical Research Review Committee (ALCB-1), NIAAA	1994 - 1997
Member, Graduate Committee Biochemistry Dept. UNMC	1996 - 1999
Member, RSA Awards Committee	1996 - 1998
Member, Admissions Committee, Sigma Xi Omaha Chapter	1996 - 2001
Member, Search Committee, Biochemistry Department, UNMC	1995 - 1996
Member, Research Committee, AASLD	1995 - 1998
Member, Promotion and Tenure Committee, Biochemistry Dept. UNMC	1993 - 1994
Member, Planning Committee, Biochemistry Dept. UNMC	1992 - 1994
Member, Seed Grant Review Committee, UNMC	1992, 1995, 1996
Member, Research & Development Committee, Omaha VAMC	1988 - 1991
Biochemistry Committee Chairperson, Alcohol Research Center, Omaha VAMC	1990 - 2006
Member, Supervisory Committee for Dongsheng Xu, Ph.D. Candidate, UNMC	1991 - 1995
Chair, Supervisory Committee for Benita L. Tworek, Ph.D. Candidate, UNMC	1994 - 1997

COMMUNITY SERVICE:

Co-Founder, SHARE Cancer Fund, Univ of Nebraska Foundation	2003 - present
Lector, St. Margaret Mary Church, Omaha	2007 - present
Member, Creighton Prep Mom’s Committee	2002 - 2013
Program Booklet Chair, VAMC Wheelchair Games	2007 - 2008
Co-Chair, Expanding Your Horizons Conference for women	1997 - present
Member, PTA, Belle Ryan Elementary School	1993 - 1995
Den Leader, Holy Cross Cub Scouts Pack 76	1995 - 1998
Assistant Cub-Master, Holy Cross Cub Scout Pack 76	1998 - 2002
Secretary, Academic Booster Club (ABC), Holy Cross parish	1999 - 2002
Lector, Holy Cross Church	1998 - 2001
Member, Home and School, Holy Cross School	1995 - 2001
Member, Home and School, Saint Margaret Mary School	2001 - present
Panelist, Expanding Your Horizons Conference for young women	1995 - 1996
Director, Science Fair, Holy Cross School	1999 - 2001
Math Leader, Continental Math League, Holy Cross School	1997 - 2000

BIBLIOGRAPHY

COMPLETED SCHOLARLY PUBLICATIONS:

1. **Casey, C.A.** and Anderson, P.M. Subcellular location of glutamine synthetase and urea cycle enzymes in liver of spiny dogfish, *S. acanthias*. *J Biol Chem* 257:8449-8453, 1982.
2. **Casey, C.A.** and Anderson, P.M. Purification and properties of glutamine- and acetylglutamate-dependent carbamoyl phosphate synthetase from largemouth bass, *M. salmoides*. *J Biol Chem* 258:8723-8732, 1983.
3. **Casey, C.A.**, Perlman, D.F., Vorhaben, J.E. and Campbell, J.W. Hepatic ammoniogenesis in the catfish, *I. punctatus*. *Mol Physiol* 3:107-111, 1984.
4. Anderson, P.M. and **Casey, C.A.** Glutamine-dependent citrulline synthesis from bicarbonate in liver mitochondria of spiny dogfish, *S. acanthias*. *J Biol Chem* 259:456-462, 1984.
5. **Casey, C.A.** and Anderson, P.M. Submitochondrial localization of arginase and other enzymes associated with urea synthesis and nitrogen metabolism in liver of *Squalus acanthias*. *Comp Biochem Physiol* 82B: 307-315, 1985.
6. Tuma, D.J., Mailliard, M.E., **Casey, C.A.**, Volentine, G.D. and Sorrell, M.F. Ethanol-induced alterations of plasma membrane assembly in the liver. *Biochim Biophys Acta* 856:571-577, 1986.
7. **Casey, C.A.**, Kragoskow, S.L., Sorrell, M.F. and Tuma, D.J. Chronic ethanol administration impairs the binding and endocytosis of asialoorosomuroid in isolated hepatocytes. *J Biol Chem* 262:2704-2709, 1987.
8. Metcalf, J.P., **Casey, C.A.**, Sorrell, M.F. and Tuma, D.J. Chronic ethanol administration alters hepatic surface membranes as evidenced by decreased concanavalin A binding. *Proc Soc Exptl Biol Med* 185:1-5, 1987.
9. **Casey, C.A.**, Kragoskow, S.L., Sorrell, M.F. and Tuma, D.J. Ethanol-induced impairments in receptor-mediated endocytosis of asialoorosomuroid in isolated rat hepatocytes: time course of impairments and recovery after ethanol withdrawal. *Alcoholism: Clinical and Experimental Research* 13:258-263, 1989.
10. Sorrell, M.F., **Casey, C.A.** and Tuma, D.J. Recovery of ethanol-induced impairments in receptor-mediated endocytosis of asialoorosomuroid in isolated rat hepatocytes. *Transactions of the American Clinical and Climatological Association* 100:163-170, 1989.

11. **Casey, C.A.**, Kragsskow, S.L., Sorrell, M.F. and Tuma, D.J. Effects of chronic ethanol administration on total asialoglycoprotein receptor content and intracellular processing of asialoorosomuroid in isolated rat hepatocytes. *Biochim Biophys Acta* 1052:1-8, 1990.
12. Tuma, D.J., **Casey, C.A.** and Sorrell, M.F. Effects of ethanol on hepatic protein trafficking: impairments in receptor-mediated endocytosis. *Alcohol & Alcoholism* 25:117-125, 1990.
13. **Casey, C.A.**, Volentine, G.D., Jankovich, C.J., Kragsskow, S.L. and Tuma, D.J. Effect of chronic ethanol administration on the uptake and degradation of asialoglycoproteins by the perfused rat liver. *Biochemical Pharmacology*, 40, 1117-1123, 1990.
14. Dalke, D.D., Sorrell, M.F., **Casey, C.A.** and Tuma, D.J. Ethanol treatment alters epidermal growth factor endocytosis. *Hepatology*, 12, 1085-1091, 1990.
15. **Casey, C.A.**, Kragsskow, S.L., Sorrell, M.F. and Tuma, D.J. Zonal differences in receptor-mediated endocytosis of asialoorosomuroid in isolated hepatocytes. *Hepatology*, 13, 260-266, 1991.
16. Tuma, D.J., **Casey, C.A.**, and Sorrell, M.F. Chronic ethanol-induced impairments in receptor-mediated endocytosis of insulin in rat hepatocytes. *Alcoholism: Clinical and Experimental Research*, 15, 808-813, 1991
17. Tuma, D.J., **Casey, C.A.**, and Sorrell, M.F. Effects of alcohol on hepatic protein metabolism and trafficking. *Alcohol and Alcoholism, Suppl.* 1 297-303, 1991
18. **Casey, C.A.**, Camacho, K.B. and Tuma, D.J. Effects of chronic ethanol administration on the rates of internalization of various ligands during hepatic endocytosis. *Biochim et Biophys Acta*, 1134, 96-104, 1992.
19. Xu, D.S., Sorrell, M.F., **Casey, C.A.**, and Tuma, D.J. Impaired attachment of hepatocytes to extracellular matrix components following chronic ethanol administration. *Lab Investigation*, 67, 186-190, 1992.
20. Camacho, K.B., **Casey, C.A.**, Sorrell, M.F., and Tuma, D.J. Chronic ethanol administration alters fluid-phase endocytosis in rat hepatocytes. *Hepatology*, 17, 661-667, 1993.
21. **Casey, C.A.**, Wiegert, R.L. and Tuma, D.J. Chronic ethanol administration impairs ATP-dependent acidification of endosomes in rat liver. *Biochem Biophys Res Commun* 15, 1127-1133, 1993.

22. Rees, G.M., Miller, J.A., **Casey, C.A.**, and Tuma, D.J. Chronic ethanol administration impairs degradation of formaldehyde-treated albumin by the perfused rat liver. *Alcohol: Clin and Exp Res* 17, 1309-1312, 1993.
23. McCashland, T.M., Tuma, D.J., Sorrell, M.F., and **Casey, C.A.** Zonal differences in ethanol-induced impairments in hepatic receptor binding. *ALCOHOL*, 10, 549-554, 1993.
24. Xu, D.S., Sorrell, M.F., **Casey, C.A.**, Clemens, D., and Tuma, D.J. Long term ethanol feeding selectively impairs attachment of hepatocytes from the perivenous region of rat liver to extracellular matrix substrates. *Gastroenterology*, 106, 473-479, 1994.
25. Xu, D.S., Sorrell, M.F., Clemens, D., **Casey, C.A.** and Tuma D.J. Effects of ethanol feeding on the interaction of rat hepatocytes with laminin peptides. *Alcohol: Clin and Exp Res* 18, 1215-1219, 1994.
26. **Casey, C.A.**, Wiegert, R.L. and Tuma, D.J. Hyperosmolarity inhibits both fluid-phase and receptor-mediated endocytosis in hepatocytes from ethanol-fed rats. : *Biochem. Pharmacology* 49, 1117-1123, 1995.
27. Tworek, B.L., Tuma, D.J., and **Casey, C.A.** Decreased binding of asialoglycoproteins to hepatocytes from ethanol-fed rats: consequence of both impaired receptor synthesis and inactivation of the asialoglycoprotein receptor. *J. Biol. Chem.* 271, 2531-2538, 1996
28. Camacho, K.B., Tuma, D.J., and **Casey, C.A.** Zonal differences in ethanol-induced impairments of fluid-phase endocytosis in rat hepatocytes. *Alcohol. Clin. and Exp. Res.* 20, 589-594, 1996
29. O'Rourke, M.F., Tuma, D.J., and **Casey, C.A.** Decreased binding and autophosphorylation of the EGF-receptor in ethanol-fed rats. *Biochemical Pharmacology* 53, 1445-1450, 1997
30. Tworek, B.L., Oka, J.A., **Casey, C.A.**, and Weigel, P.H. Ethanol feeding causes inactivation of both State 1 and State 2 rat hepatic asialoglycoprotein receptors. *Alcohol. Clin. and Exp. Res.*, 21, 1429-1434, 1997
31. Tuma, D.J., Todero, S.L., Barak-Bernhagen, M., **Casey, C.A.**, and Sorrell, M.F. Chronic ethanol ingestion impairs TGF -stimulated receptor autophosphorylation. *ALCOHOL*, 15:233-238, 1998
32. Tworek, B.L., Wiegert, R.L., Tuma, D.J., and **Casey, C.A.** Effects of monensin on ethanol-induced alterations in function of hepatocellular asialoglycoprotein receptor subpopulations. *Alcohol. Clin. and Exp. Res.* . 22:97-104, 1998

33. Tworek, B.L., Wiegert, R.L., Jeanette, J.P., Tuma, D.J., and **Casey, C.A.** Differential effects of monensin on asialoglycoprotein receptor function after short-term ethanol administration. *Biochemical Pharmacology*, 55:1603-1609, 1998
34. Clemens, D.L., **Casey, C.A.**, Sorrell, M.F., and Tuma, D. J. Ethanol oxidation mediates impaired hepatic receptor-mediated endocytosis. *Alcoholism: Clinical and Experimental Research*, 22:778-779, 1998
35. McVicker, B.L. and **Casey, C.A.** Effects of ethanol on receptor-mediated endocytosis in the liver, *ALCOHOL* 19: 255-260, 1999
36. McVicker, B.L. and **Casey, C.A.** Ethanol-impaired hepatic protein trafficking: Concepts from the asialoglycoprotein receptor system. *Clinical Biochemistry*, 32:557-561, 1999
37. McVicker, B.L., Tuma, D.J., and **Casey, C.A.** Ethanol administration results in hyperphosphorylation of the asialoglycoprotein receptor in isolated rat hepatocytes. *Biochemical Pharmacology*, 60: 343-351, 2000.
38. **Casey, C.A.**, Nanji, A. A., Cederbaum, A.I., Adachi, M., and Takahashi, T. Alcoholic Liver Disease and Apoptosis. *Alcohol Clin and Exp Res*, Vol 25 No. 5: 49S-53S, 2001.
39. Nagy, LE, Lakshman MR, **Casey, C.A.** and Bearer, CF. Ethanol and Membrane Protein Trafficking: Diverse Mechanisms of Ethanol action. *Alcohol: Clin and Exp. Res.*, Vol 26, No. 2: 287-293, 2002.
40. McVicker, B.L., Tuma, D.J., Kubik, J.L., Hindemith, A.M., Baldwin, C.R. and **Casey, C.A.** Effect of ethanol on the asialoglycoprotein receptor-mediated phagocytosis of apoptotic cells by rat hepatocytes. *Hepatology*, Vol 36, No. 6: 1478-1487, 2002.
41. Neuman, M.G., Katz, G.G., Malkiewicz, I.M., Mathurin, P., Tsukamoto, H., Adachi, M., Ishii, H., Colell, A., García-Ruiz, C., Fernández-Checa, J.C., **Casey, C.A.** Conference article. Alcoholic liver injury and apoptosis-synopsis of the symposium held at ESBRA 2001: 8th Congress of the European Society for Biomedical Research on Alcoholism, Paris, September 16, 2001. *Alcohol*, 28(2):117-128, 2002.
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77. Zhipeng Li¹, Ryan J. Schulze¹, Eugene W. Krueger¹, **Carol A. Casey**², Jacqueline Stoeckli^{3,4,5}, David E. James^{3,4,5,6} and Mark A. McNiven^{1*} A Novel Rab10-Regulated Complex Essential for the Autophagic Engulfment of Lipid Droplets. *Science Advances*, 16 Dec 2016: Vol 2, no 12, e1601470. DOI: [10.1126/sciadv1601470](https://doi.org/10.1126/sciadv1601470)
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82. Schulze, R, Rasineni, K, Weller, S, **Casey, C**, McNiven, M,. Ethanol exposure inhibits hepatocellular lipophagy by inactivating the small regulatory GTPase Rab 7. *Hepatology Communications*, Vol: 1, Pages: 140–152 DOI: 10.1002/hep4.1021 (2017)
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reduced Dynamin 2 activity. *Hepatology Communications*, DOI.1002/hep4.1063 2017

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CHAPTERS IN BOOKS:

1. Campbell, J.W., Aster, P.L., **Casey, C.A.** and Vorhaben, J.D.: Preparation and use of fish hepatocytes. In: Isolation, Characterization and Use of Hepatocytes. Harris and Cornell, eds. p 31-40 (1983).
2. **Casey, C.A.**, Sorrell, M.F. and Tuma, D.J.: Effect of ethanol on asialoglycoprotein receptor function. In: Liver Diseases: Targeted Diagnosis and Therapy Using Specific Receptors and Ligands. Wu and Wu, eds., Marcel Decker, Inc. pp 189-213 (1991).
3. **Casey, C.A.** and Tuma, D.J.: Receptors and endocytosis In Molecular Biology of the Liver. A.V. LeBouton, ed., CRC Press pp 117-141 (1993).
4. McVicker, B.L., Tuma, D.J., Nanji, A.A. and **Casey, C.A.** Alcohol and Apoptosis. In Comprehensive Handbook of Alcohol Related Pathology, Volume 2. V.R. Preedy, and R.R. Watson, eds. Elsevier, Ltd. Pp 1176-1193 (2005).

ABSTRACTS AND PRELIMINARY COMMUNICATIONS (last 3 years):

1. Schroeder, B, Schulze, R, Weller, S, Sletten, A, **Casey, C**, McNiven, M. The small GTPase Rab7 as a central regulator of hepatocellular lipophagy. *Hepatology*, Vol 60, No 4, 809A, 2014
2. Mohr, A, Smith, M, Natarajan, S, Wehrkamp, C, **Casey, C**, Mott, J. Cell cycle-dependent regulation of FGFR4 in cholangiocarcinoma. *Hepatology*, Vol 60, No. 4, 659A, 2014
3. Rasineni, K, Penrice, D, Harris, E, Stains, C, Beck, J, McVicker, B, McNiven, M. **Casey, C**. Alcoholic versus non-alcoholic fatty liver: Indistinguishable histology but distinct differences in function and content of proteins involved in vesicle trafficking and receptor-mediated endocytosis. *Hepatology*, Vol 60, No. 4, 793A, 2014
4. Newton, D, Tuma, D, **Casey, C**, McVicker, B. Inflammatory liver injury is associated with altered alkaline phosphatase activity and hepatic asialoglycoprotein receptor function. *Hepatology*, 60, No. 4; 229A, 2014

5. Penrice, D, Ryder, J, Rasineni, K, Lazure, K, Stains, C, Harris, E, **Casey, C.** Receptor-mediated endocytosis (RME) in liver: Differential results in alcoholic versus non-alcoholic fatty liver. ACER 2014, RSA/ISBRA meeting, Bellevue, WA
6. McVicker, BL, Kubik, J, Kubik, R, Hove, S, Tuma, D. **Casey, C.** Relationship between MiR-155 and hepatic lectin receptor expression during inflammatory liver injury. ACER 2014, RSA/ISBRA meeting, Bellevue, WA, June 2014
7. **Casey, C.A.**, Tuma, DJ, and McVicker, BL. Impaired function of the hepatic asialoglycoprotein receptor: Its role in alcoholic liver inflammation. *Alcohol* 11/2014; 48(7). DOI:10.1016/j.alcohol.2014.09.008
8. **Casey, C.A.**, Tuma DJ, and McVicker, BL. Chronic Ethanol Consumption: Its Effects on Liver Inflammation. *Canadian Journal of Addiction*, Vol 6, No 1; p 34, 2015
9. Rasineni, K, Kharbanda, K, Harris, E and **Casey, C.** Pancreas-adipose-liver axis: Role of Ghrelin and insulin in alcoholic fatty liver. RSA, San Antonio, ACER 2015
10. Schulze, R, Rasineni, K, McNiven, M, Weller, S, **Casey, C.** Ethanol exposure inhibits hepatocellular lipophagy by inactivating the small regulatory GTPase Rab 7. *Hepatology*, 2015
11. Karuna Rasineni, Terrence M. Donohue, Jr., Ryan Schulze, Mark A. McNiven and **Carol A. Casey:** Chronic Ethanol Administration Retards Hepatocyte Lipophagy: A Role for Dynamin 2 Activation; *poster presentation AASLD 2016*
12. Karuna Rasineni, **Carol Casey** and Kusum Kharbanda: Ethanol-Induced Alterations in Pancreatic and Gastric Hormone Secretion Contributes to Hepatic Steatosis; *poster presentation AASLD 2016*
13. Paul G. Thomes^{1,2}, Li Yang^{2,4}, Terrence M. Donohue, Jr^{1,2}, Daniel D. Penrice^{1,2}, Karuna Rasineni^{1,2}, Jacy L. Kubik^{1,2}, Mark A. McNiven³, and **Carol A. Casey**^{1,2} Molecular Mechanisms of Recovery from Ethanol-Induced Steatosis after Ethanol Withdrawal; *poster presentation AASLD 2017*
14. Ezhumalai Muthukrishnan, Mona Hadidi, **Carol A. Casey**, Justin L. Mott, Sathish Kumar Natarajan: Palmitoleate protects 3-hydroxy fatty acid-induced hepatocyte lipoapoptosis; *HEPATOLOGY, VOLUME 66, NUMBER 1 (SUPPL) 1258; AASLD 2017*
15. Micah B. Schott, Karuna Rasineni, Shaun Weller, Ryan J. Schulze, **Carol A. Casey**, Mark A. McNiven: Lipolysis in hepatocytes is regulated by β -adrenergic induction and attenuated by alcohol. *HEPATOLOGY, VOLUME 66, NUMBER 1 (SUPPL);1324; AASLD 2017*

16. Zhipeng Li, Kristina Drizyte, **Carol A. Casey**, Mark A. McNiven: A Novel and Direct Interaction Between Large and Small GTPases Mediates Autophagic Lipid Droplet Breakdown in Hepatocytes *Hepatology*, Vol 66, No 1 (SUPPL);1327; *AASLD 2017*
17. Mariah L. Hart, Mohamed A. Abedal-Majed, Renata Spuri-Gomes, Scott G. Kurz, Jeff Bergmann, Renee McFee, Caleb Lemly, Carol A. Casey, and Andrea S. Cupp, Reduced Sex Hormone Binding Globulin in Excess Androstenedione Cows may be due to Alterations in Metabolism and Liver Function. Jul 2017. 50th Annual Meeting of the Society for the Study of Reproduction
18. Vaishaali Natarajan, Edward Harris, Carol A. Casey, Srivatsan Kidambi. Role of Matrix Rigidity on Hepatocytes and Liver Sinusoidal Endothelial Cells in Alcohol-induced Hepatic Fibrogenesis. *Alcohol and Alcoholism* 52(suppl_1):i4-i30 · October 2017. DOI: 10.1093/alcalc/agx075.60
19. Carol A. Casey, Kusum K. Kharbanda, Frederick G. Hamel, Jacy L. Kubik and Karuna Rasineni. Ghrelin receptor antagonist [D-Lys-3] GHRP-6 inhibits chronic alcohol induced hepatic steatosis. *Combined Annual Meeting of CSCTR & MWAFMR; April 2018*

INVITED PRESENTATIONS:

1. **Casey, C.A.** Aspects of ammoniogenesis in the freshwater catfish, *I. punctatus*. NATO-ASI Conference on the Environmental Physiology of Fishes, Lennoxville, Quebec, Canada, August 1979
2. **Casey, C.A.** An assessment of the role of the purine nucleotide cycle during ammoniogenesis in the fish hepatocyte. Department of Cell Biology, M.D. Anderson Cancer Center, Houston, Texas. Invited seminar, 1979
3. **Casey, C.A.** Hepatic ammoniogenesis in the freshwater catfish, *I. punctatus*. University of Minnesota School of Medicine/Duluth, Minnesota. Invited seminar, 1980
4. **Casey, C.A.** Carbamoyl phosphate synthetase III in bass liver: Occurrence and properties of the enzyme. Department of Biochemistry, Univ. of Minn./Duluth Medical School, Duluth, MN. Divisional Research Seminar, April 1981
5. **Casey, C.A.** Subcellular localization of urea cycle enzymes in livers of spiny dogfish, *S. acanthias*. Friday Harbor Marine Laboratories, Friday Harbor, WA. Invited seminar, 1982
6. **Casey, C.A.** Endocytosis of an asialoglycoprotein is altered by ethanol exposure. Biology Department, Augustana College, Sioux Falls, S.Dak., Invited seminar, 1985

7. **Casey, C.A.** Recovery of ethanol-induced impairments in receptor-mediated endocytosis (RME) of asialoorosomucoid (ASOR) in isolated rat hepatocytes. Annual meeting of the Federation of American Societies for Experimental Biology, Las Vegas, Nevada, May 1988
8. **Casey, C.A.** Chronic ethanol administration impairs receptor-mediated endocytosis in rat liver. Augustana College, Sioux Falls, S.Dak. Invited seminar, October 1988
9. **Casey, C.A.** Effects of ethanol on endocytosis of various ligands in the liver. Dana College, Blair, NE. Invited seminar, 1990
10. **Casey, C.A.** Ethanol administration impairs receptor-mediated endocytosis in rat liver. Department of Biochemistry, University of Texas Medical Center at Galveston, Galveston, TX. Invited seminar, 1990
11. **Casey, C.A.** and Meyer, R.J. Modeling of fluid-phase endocytosis in the liver and the effects of ethanol on this process. Augustana College, Sioux Falls, SD, invited seminar, 1991
12. **Casey, C.A.** Effects of ethanol on protein trafficking in the liver. VA Medical Center, Minneapolis, MN. Invited seminar, September 1991
13. **Casey, C.A.** Effects of ethanol on endocytosis in the liver. Nebraska Wesleyan University, Lincoln, NE, Invited seminar, April 1992
14. **Casey, C.A.** Effects of ethanol on protein trafficking in the liver. Briar Cliff College, Sioux City, Iowa, Invited seminar, October 1992
15. **Casey, C.A.** Ethanol impairs ATP-dependent acidification in liver endosomes. Presented at AASLD meetings, Chicago, IL, November 1992
16. **Casey, C.A.** Effects of ethanol on asialoglycoprotein receptor function. Mayo Clinic, Rochester, MN, invited seminar, March 1993
17. **Casey, C.A.** Effect of ethanol administration on receptor-mediated endocytosis in the liver. University of Minnesota/Duluth School of Medicine, Duluth, MN, invited seminar, April 1994
18. **Casey, C.A.** Effects of ethanol administration on hepatic endocytosis. Research Society of Alcohol Meetings, symposium on "Ethanol and Glycoconjugates", Maui, Hawaii, June 1994
19. **Casey, C.A.** Effects of ethanol on endocytosis in the liver. Invited seminar, College of St. Mary Science Department, Omaha, NE, December 1994

20. **Casey, C.A.** Effects of ethanol on hepatic protein trafficking. Invited symposium speaker, Research Society on Alcohol and Alcoholism, Steamboat Springs, Colorado, June 1995
21. **Casey, C.A.** Effects of ethanol on endocytosis. Invited symposium speaker, Gordon Conference, Ventura, CA, January 1996
22. **Casey, C.A.** "Reflections of a Principal Investigator" Featured Speaker, Women in Science Symposium, College of Saint Mary, Omaha, NE March 1996
23. **Casey, C.A.** Effects of ethanol on endocytosis in liver. Invited seminar, University of Missouri at Columbia, Columbia, MO, April 1996
24. **Casey, C.A.** The effect of ethanol feeding on EGF receptor function. Invited presentation, ISBRA/RSA meeting, Washington, D.C. June 1996
25. **Casey, C.A.** Effects of ethanol on protein trafficking in the liver. Invited seminar, Albert Einstein College of Medicine, Bronx, NY, October 1996
26. **Casey, C.A.** Effects of ethanol on endocytosis in the liver. Invited seminar, University of Arizona Medical Center, Tucson, AZ, April 1997
27. **Casey, C. A.** Effects of ethanol on heterotrimeric G-protein function. Invited speaker, AASLD Single Topic Conference, "Vesicular Trafficking in the Hepatocyte", June, 1997, Airlie, VA
28. **Casey, C.A.** Ethanol-impaired hepatic protein trafficking: Concepts from the asialoglycoprotein receptor system. Invited seminar, Univ. of Southern California, Los Angeles, CA, January, 1998
29. **Casey, C.A.** Altered endocytosis after ethanol administration: impaired receptor function and physiological consequences. Invited seminar, Univ. of Minnesota, Duluth, MN, March 1998
30. **Casey, C.A.** Ethanol administration impairs protein trafficking in the liver. Invited speaker 1st International Symposium on the Molecular Pathology and Clinical Aspects of Inflamed Liver: Alcohol and Cytokines, Toronto, Canada, June 1998
31. **Casey, C.A.** Impaired endocytosis after ethanol administration. Invited speaker, International Society for the Biomedical Research on Alcohol, Copenhagen, Denmark, June, 1998
32. **Casey, C.A.** Impaired receptor-mediated endocytosis: Its role in alcoholic apoptosis. Invited poster presenter, Growth Factor Signal Transduction Conference on Endocytosis and Trafficking. Iowa State University, Ames, Iowa, September, 1998

33. **Casey, C.A.** Alcohol-induced impairments and their role in apoptosis. Invited speaker, regional AAAS Meetings, Creighton University, Omaha, NE, October, 1999
34. **Casey C.A.** Alcohol and Membrane Trafficking. Presented at the American Pancreatic Association Workshop on Alcohol and the Pancreas. Chicago, IL, November, 1999
35. **Casey, C.A.** Impaired endocytosis: a role in alcohol-induced apoptosis. Presented at the International Society for Biomedical Research on Alcohol (ISBRA), Yokohama, Japan, June, 2000
36. **Casey, C.A.** Impaired function of the asialoglycoprotein receptor after alcohol administration. Presented at the University of Arizona, Tucson, AZ, March 2001
37. **Casey, C.A.** Alcohol and the liver. Clinical Research Seminar, Washington, DC VAMC, April 2001
38. **Casey, C.A.** Effects of ethanol on protein trafficking. Research Society of Alcohol, Montreal Canada, June 2001
39. **Casey, C.A.** Use of isolated cells in the study of alcoholic liver injury. AALAS Regional Meeting, Omaha, NE, May 2002
40. **Casey, C.A.** Effects of ethanol on endocytosis in liver: concepts from the asialoglycoprotein receptor system. Invited seminar, GI Research Seminar Series, VAMC, Pittsburgh, June 2003
41. **Casey, C.A.** Alcohol, endocytosis and apoptosis. Invited seminar, Georgetown University Medical Center, Washington, D.C. April 2004
42. **Casey, C.A.** Alcohol, Endocytosis and Apoptosis: Insights from Liver Studies. Invited seminar, Southwest Missouri State University, Springfield, MO, October 2004
43. **Casey, C.A.** Alcohol-induced Injury: Insights from Liver Studies. Invited seminar, St. Cloud State University, St. Cloud, MN, March 2005
44. **Casey, C.A.** Alcohol and Apoptosis. Invited seminar, St. Louis University, St. Louis, MO, October, 2005
45. **Casey, C.A.** Alcohol, endocytosis and apoptosis. Invited seminar, Winona State College, Winona, MN, March 2006
46. **Casey, C.A.** The effect of chronic ethanol administration on the *in vitro* production of pro-inflammatory cytokines by rat Kupffer cells in the presence of apoptotic cells. Invited seminar, University of Wisconsin, LaCrosse, March 2006.
47. **Casey, C.A.** Alcohol, Endocytosis and Apoptosis. Seminar presented at the VA

- Research Seminar Series, September, 2006.
48. **Casey, C.A.** Effects of Alcohol on the Liver. Invited Seminar, BRTP recruitment, Buena Vista College, Storm Lake, IA, October 2007
 49. **Casey, C.A.** Alcohol, Endocytosis and Apoptosis: Insights from the Asialoglycoprotein Receptor System. Seminar presented at UNMC, Department of Physiology, November, 2007
 50. **Casey, C.A.** Alcoholic Apoptosis and Impaired Endocytosis. Seminar presented at University of St. Thomas, St. Paul, MN, September 2008
 51. **Casey, C.A.** Alcohol, Apoptosis and Endocytosis: Insights from the ASGP-R system.
 52. **Casey, C.A.** Effects of Alcohol on Liver Function. Seminar presented at Augustana College, Sioux Falls, SD; October 2008
 53. **Casey, C.A.** Mechanisms of Alcoholic Liver Injury. GI/Hepatology/Physiology Conference Seminar for UNMC; January 15, 2009.
 54. **Casey, C.A.** Effects of alcohol on endocytosis in liver. Invited presentation, Midland Lutheran College, Fremont, NE, March 18, 2009.
 55. **Casey, C.A.** Examination of a Role for Altered Lipid Droplet Trafficking in Alcohol-Induced Fatty Liver Disease. Invited seminar speaker, Albert Einstein College of Medicine, Sept. 29, 2009
 56. **Casey, C.A.** The impact of impaired protein and lipid trafficking on the development of alcoholic liver injury. Invited presentation, RSA meeting, (Charles Lieber symposia), June 2010
 57. **Casey, C.A.** Effects of Ethanol on Protein and Lipid Trafficking. Invited symposia speaker at International Society for Biomedical Research on Alcohol, Paris, FR, Sept. 2010
 58. **Casey, C.A.** “Trapping the Fats”: Role of Alcohol in Impaired Lipid Droplet Trafficking and Metabolism in Liver. Seminar presented at St. Olaf College, Northfield, MN, November, 2010
 59. **Casey, C.A.** Study of Lipid Droplet Biology: New Insights into Study of Alcoholic Liver Injury. Seminar presented at Mt. Sinai School of Medicine, March 11, 2011
 60. **Casey, C.A.** “Trapping the Fats”: Role of Impaired Trafficking in Alcohol Fatty Liver. Invited presentation, RSA meeting, (Charles Lieber memorial symposia), June 2011
 61. **Casey, C.A.** “Alcohol and Lipid Traffic Don’t Mix”. Invited seminar, Midland University, Fremont, NE, November 2, 2011

62. **Casey, C.A.** “Alcoholic Fatty Liver – Mechanisms of Injury and Potential Therapeutics”. Invited Seminar, UNMC Department of Biochemistry, April 2012
63. **Casey, C.A.** “Alcohol, Fat and Impaired Trafficking”. Invited seminar, Columbia University Department of Psychiatry, April 2012
64. **Casey, C.A.** “Trapping the Fats”: Role of Alcohol in Impaired Lipid Droplet Trafficking and Metabolism in Liver. Seminar presented at University of Nebraska/Lincoln, May 8, 2012.
65. **Casey, C.A.** “Impaired trafficking: Role in ALD”. Seminar presented at NovaSoutheastern University, Ft. Lauderdale, FL, January 2013
66. **Casey, C.A.** “Alcohol and Lipid Traffic Don’t Mix”. Seminar presented at Duke/NUS School of Medicine, Singapore, Singapore, March 2013.
67. **Casey, C.A.** “Effects of Alcohol on the Liver”. Seminar presented at South Dakota State University, Brookings, SD, March 2013
68. **Casey, C.A.** “Impaired Protein and Lipid Trafficking in the Alcoholic Fatty Liver”. Seminar presented at the Nebraska Gateway to Nutrigenomics, University of Nebraska/Lincoln, May 2013.
69. **Casey, C.A.** “Alcohol, CEA, Liver Metastases from Colorectal Cancer” Invited speaker, KUMC, October 2013
70. **Casey, C.A.** “Alcohol and Lipid Traffic Don’t Mix”. Invited presentation, NIAAA Intramural program, Bethesda, MD. February 2014
71. **Casey, C.A.** “Alcohol, CEA, and Consequences of Impaired Endocytosis” Invited speaker, Louisiana Health Sciences University, New Orleans, March 2014
72. **Casey, C.A.** “Consequences of Impaired Protein and Lipid Trafficking in Alcoholic Liver Injury” Invited speaker, Temple University, Philadelphia, PA. June 2014
73. **Casey, C.A.** “Chronic ethanol consumption: Its effects on liver inflammation” Invited symposia speaker, International Society for Addiction Medicine, Yokohama, Japan, October, 2014
74. **Casey, C.A.** “Impaired function of the hepatic asialoglycoprotein receptor: Its role in alcoholic liver inflammation” Invited speaker, ARIG symposia, Loyola University School of Medicine, November, 2014
75. **Casey, C.A.** Enhanced liver metastases from colorectal cancer in the alcoholic fatty liver: Role of CEA. Invited speaker, 3rd Alcohol and Cancer Conference, Crete, Greece, June 2015

76. **Casey, C.A.**. Consequences of impaired ASGPR function on liver inflammation. Research Society on Alcohol and Alcoholism, San Antonio, Texas, Invited Speaker, June, 2015
77. **Casey, C.A.**. Alcoholic liver injury and inflammation: Role of a hepatic receptor system. Invited speaker, ESBRA, Valencia, Spain, September 2015
78. **Casey, C.A.**. ALD versus NALD: Differential effects on endocytosis and vesicle trafficking protein content. Invited speaker, ESBRA, Valencia, Spain, September 2015
79. **Casey, C.A.**. Impaired protein and lipid trafficking in the alcoholic fatty liver. Grand Rounds, Internal Medicine, University of Nebraska Medical Center, Omaha, Oct, 2015
80. **Casey, C.A.**. Impaired endocytosis: insights from the asialoglycoprotein receptor system. Presentation to NIAAA Council, Washington, DC, February, 2016
81. **Casey, C.A.**. Alcohol and lipid metabolism interactions. Invited speaker, Charles Lieber Symposia, Research Society on Alcohol, June 2016, New Orleans
82. **Casey, C.A.**. Ethanol administration reduces lipophagy coincident with a marked reduction in the function and activity of Rab7. Invited presentation ISBRA/ESBRA 2016, September, 2016, Berlin, Germany
83. **Casey, C.A.**. NAFDL versus AFLD: Insights from laboratory and clinical studies. GI Seminar series, UNMC, May, 2017
84. **Casey, C.A.**. Ethanol-induced Disorganization of Golgi Apparatus: Role of Defective Rab3D Function, Invited presentation, ESBRA 2017, Crete, October 2017
85. **Casey, C.A.**. Impaired protein and lipid trafficking in the alcoholic fatty liver. Invited presentation, Lieber symposia, 2018 RSA, June 16, 2018, San Diego, CA