

Curriculum Vitae
Steven L. Youngentob, Ph.D.

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Upstate Medical University
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Syracuse, New York 13210

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Education:

1984 Ph.D. Physiology, State University of New York, Upstate Medical Center,
Syracuse, New York

1976 B.S. Biology, University of Georgia, Athens, Georgia

Academic Appointments:

2011-Present Professor, Department of Psychiatry and Behavioral Science, SUNY
Upstate Medical University

2004-2011 Professor, Department of Neuroscience and Physiology, SUNY Upstate
Medical University

1985-Present Graduate Program in Neuroscience, SUNY Upstate Medical University

1999-2004 Associate Professor, Department of Neuroscience and Physiology,
SUNY Upstate Medical University

1995-1999 Research Associate Professor, Department of Neuroscience and
Physiology, SUNY Upstate Medical University

1984-1995 Research Assistant Professor, Department of Physiology, SUNY Upstate
Medical University

Leadership Positions:

- 2012-2013 Associate Dean for Basic Research and Graduate Studies, SUNY Upstate Medical University (*Title change – see below*)
- Institutional Research Mission*
- Development and oversight of initiatives to grow the research enterprise through local, state and international cross-institutional collaborations
 - Development and oversight of initiatives to grow the research enterprise through industry partnership
 - Facilitate the development of individual faculty research, intellectual property and entrepreneurship
 - Management of institutional research space
- College of Graduate Studies*
- Curriculum development and program assessment
 - Enhancing the quality and recruitment of students
 - Enhancing student mentoring, career development and time to degree
 - Development of collaborative multi-institutional educational and research training programs
 - Creating an educational pipeline
 - Collaborative oversight of the College's policies and procedures
 - Collaborative oversight of all standing committees of the College
- 2008-2012 Associate Dean, College of Graduate Studies, SUNY Upstate Medical University
- *As Outlined Above*
- 2005-Present Co-Director, MD/PhD program, SUNY Upstate Medical University
- Integrative program development and oversight
 - Fiscal management
 - Admissions and recruitment
 - Student advisement
- 2010-Present Associate Director and Executive Committee Member – State University of New York, Developmental Exposure Alcohol Research Center
- 2008-2013 Institutional Research and Education Leadership Team (REGELT), SUNY Upstate Medical University
- Develop initiatives to grow basic, and clinical and translational research, industry collaborations, the development of intellectual property and the educational enterprise
 - Advise the VP for Research on compliance issues related to

- research integrity and misconduct, and conflicts of interest and commitment
- 2006-2011 Vice-Chair, Department of Neuroscience and Physiology, SUNY Upstate Medical University
- Faculty recruitment
 - Faculty development (research and grantsmanship)
- 2011-Present Director: Substance Abuse Focus Group - SUNY Research Excellence in Academic Health Centers Collaborative (SUNY REACH)
- Building on existing expertise at the state level - develop collaborative research across SUNY's academic health centers in the area of substance abuse
- 2011-Present Co-Director: Disorders of the Nervous System Focus Group – Hill Collaboration on Environmental Medicine
- Stimulate research collaborations that cross universities, hospitals and scientific disciplines on the Syracuse Hill
- 2010-Present Director: Disorders of the Nervous System Focus Group - International Institute for Biomedical Sciences and Technology (IIBMST)
- Facilitate collaborative research among academic disciplines that transcend international geographic and scientific boundaries
- 2008-2013 Co-Chair, Institutional Research Space Utilization Committee, SUNY Upstate Medical University
- Oversee research space review, allocation and reallocation
 - Advise VP for Research on optimal use of research space
 - Advise on renovation and design of old and new space
- 2009-2013 Institutional Research Steering Committee, SUNY Upstate Medical University
- Advise the VP for Research on all matters pertaining to the institutional research mission
- 2009-Present Chair, Office of Postdoctoral Affairs Steering Committee, SUNY Upstate Medical University
- Oversee the operational aspects of the office of Postdoctoral Affairs
 - Aid in the recruitment, training and support of post-docs
- 2012-Present Chair, Council Operations Committee, Upstate Faculty Council, SUNY Upstate Medical University
- Conducting nomination and election process for:
 - i. SUNY University Faculty Senators
 - ii. Upstate Faculty Council Officers
 - iii. Elected Standing Committee members

- Periodic review of the Faculty Governance and SUNY Board of Trustees Bylaws including pertinent Upstate and SUNY policies to ensure compliance
 - Oversight of Upstate Faculty Council and committee performance
 - Addressing other issues as assigned by the Faculty Council
- 2010-2011 Interim Director, SUNY Upstate Medical University, Neuroscience and Physiology Programs
- Provide program and student oversight during a transition to new leadership
- 2003-2004 Chair, Council of the Faculty Organization, SUNY Upstate Medical University
- Chair the governance body for faculty of all colleges and the library of Upstate Medical University
 - Represent the views and interests of the faculty with institutional leadership
 - Disseminate information pertaining to the interests of faculty members
 - Member of the President's Cabinet - represent the views and interests of the faculty to the President and board of trustees
- 2001-2006 Chair, Committee for the Humane Use of Animals (IACUC), SUNY Upstate Medical University
- Oversee the evaluation of the care and use of experimental animal protocols
 - Oversee all animal facilities
 - Promote and monitor responsible conduct of animal research
- 2001-2005 Chair, Graduate Faculty Organization, SUNY Upstate Medical University
- Facilitate the role of the graduate faculty in the initiation, development and implementation of the educational program
 - Act on matters relating to the Graduate Faculty and the educational policies of the College
- 2002-2003 Chair, Graduate Admissions Committee, SUNY Upstate Medical University
- Manage the overall admissions process
 - Oversee the review and evaluation of candidates

Additional Professional Experience and Activities:

- 2012 Advisory Council - 2012 Biotechnology Symposium: a collaborative of SUNY Upstate Medical University, SUNY Environmental Sciences & Forestry, the Central New York Biotechnology Research Center,

Syracuse University and the New York Academy of Sciences

2011 American Association of Medical Colleges Executive Development Training for Associate Deans and Department Chairs

1999-2001 Secretary - Syracuse Chapter of Sigma Xi

1984-1999 SUNY Upstate Medical University, Smell and Taste Disorders Clinic

1990-1999 Program Administrator: SUNY Clinical Olfactory Research Center

Honors and National Service:

2013 President's Award for Excellence and Leadership in Research, SUNY Upstate Medical University

2013 NIH *ad hoc* member Somatosensory, Pain and Chemical Senses review panel

2013 NIH ZRG1-IFCN-T-02 Special Emphasis Panel: Member Conflict: Integrative Neuroscience

2013 NIH ZRG1-IFCN-B-03M Special Emphasis Panel: Member Conflict: Sensory Neuroscience

2012 NIH ZDC1 SRB-K Special Emphasis Panel center grant review

2012 NIH *ad hoc* member Somatosensory, Pain and Chemical Senses review panel

2011 Chair, NIH-ZRG1 IFCN-M Special Emphasis Panel

2010 NIH-NIAAA, special emphasis review panel

2009 NIH Study Section (Ad hoc): NIAAA - AA-4

2010-Present Awards Committee – Association for Chemoreception Sciences

2007-Present Grant Performance Reviewer – The Commonwealth of Pennsylvania Department of Health

1995-Present NSF reviewer: Sensory Systems review section

2006-2010 NIH *chartered* member of Somatosensory, Pain and Chemical Senses review panel

2002-2006 NIH *ad hoc* member Somatosensory, Pain and Chemical Senses review panel

2004-2006 NIH-NIDA, Biobehavioral Regulation, Learning, and Ethology: special emphasis review panel

2000-2002 NIH *ad hoc* reviewer, IFCN-4 review panel

2000 Program Committee - 2000 meeting of the Association for Chemoreception Sciences

2002 NIH/NIDCD CDRC: Pre-doctoral fellowship review panel

2001-2002 NIH R03 special emphasis review panel

- 2000 NIH Advisory Committee: Setting Priorities for Phenotyping the Mouse Nervous System and Behavior (Neural and Sensory Function Group)
- 1998 Advisory consultant to NIH-NIDCD: Identify and propose behavioral tests to assess smell deficits in mice, as a possible component of the Trans-NIH Mouse Genome Project

University Service:

- 2013- Challenges and Opportunities Self-Study Committee - For Upstate's Middle States Commission on Higher Education Accreditation
- 2010-Present President's Scholarship and Diversity Task Force
- 2006-Present Liaison Committee on Medical Education (LCME): Steering Committee
- 2008-Present Admissions/Recruitment Committee (Ex-Officio Member)
- 2008-Present Student Advising Committee (Ex-Officio Member)
- 2008-Present Curriculum Committee (Ex-Officio Member)
- 2006-Present LCME: Self-Study Group for Research & Graduate Education in Basic Sciences Committee
- 2009-Present Upstate College of Graduate Studies Visiting Scholars Lecture Program
- 1990-Present Dissertation Committee Service (19 students)
- 1990-Present Qualifying Exam Committee Service (10 students)
- 2009-2010 Strategic Planning (Research) Implementation Committee
- 2000-2010 Neuroscience and Physiology - Faculty Search Committees
- 2000-2010 Neuroscience and Physiology - Masters Program Coordinator
- 2004-2010 Neuroscience and Physiology - Promotions and Appointments Committee
- 2009 Jacobsen Scholar Award Selection Committee
- 2008 Strategic Planning (Research) Sub Committee
- 2008 Strategic Planning Space Task Force
- 2007 Presidential Engaging Excellence Task Force – Faculty Team
- 2007 Search Committee - Graduate School Dean and Vice-President for Research
- 2007 LCME: Self-Study Group for Research & Graduate Education in Basic Sciences Committee
- 2005-2006 Presidential Search Committee
- 2000-2006 Member of the Committee for the Humane Use of Animals (IACUC)
- 2003-2005 Member, Medical College Assembly Executive Committee
- 2004 Selection Committees - President's Awards for: Excellence in Professional Service; Excellence in Faculty Service; Excellence in

Teaching; Excellence in Library Science; and Research

2004 SUNY Upstate Medical University, Mission Review II Task Force

2003-2004 Member, Upstate Medical University Council

2003-2004 SUNY Upstate Medical University, Distinguished Professor Selection Committee

2002-2004 SUNY Research Foundation - Sponsored Programs Advisory Council

2000-2004 College of Graduate Studies Admission Committee

2004 LCME: Self-Study Group for Research & Graduate Education in Basic Sciences Committee

1999-2003 Neuroscience Program Seminar Series Coordinator

1999-2001 Member of the Educational Policies Committee

1995-1997 Medical School Admissions Interviewer

1987-1994 Medical School Student Advisor

1989-1992 Medical School Admissions Interviewer

Professional Societies:

Association for Chemoreception Sciences

International Society for Olfaction and Taste

Society for Neuroscience

European Chemoreception Organization

Research Society on Alcoholism

Fetal Alcohol Spectrum Disorders Study Group

International Society for Biomedical Research on Alcoholism

Society for Experimental Biology and Medicine

International Society for Developmental Psychobiology

Trainees

Graduate Students Sponsored or Co-Sponsored:

Alice Tingfong Loo	Master's degree in Physiology (Neuroscience Project)
Glen Manglapus (Co)	Ph.D. degree in Physiology (Neuroscience Project)
Jason Newlon (Co)	Ph.D. degree in Physiology (Neuroscience Project)
Amber Eade	Ph.D. degree in Neuroscience

Current Students Sponsored:

Laura Prestia	(Ph.D. Candidate in Neuroscience)
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Nicole Randall (Ph.D. Candidate in Neuroscience)
Danielle Sagor (Master's Candidate in Physiology – Neuroscience Project)
Amanda Agley (Master's Candidate in Physiology – Neuroscience Project)

Postdoctoral Fellows Sponsored:

Theresa White, Ph.D.

Residency Research Sponsored: Department of Otolaryngology:

Dr. Neil Stern
Dr. David Schwartz
Dr. Kristin Brody

Undergraduate Students Sponsored:

Charla Fisher
Meghan Savino
Julianne Shelton
Kellyn Carrierfenster
Leana Doherty
Laura Dishaw
Rod Terrell
Doran Koeck
Brian Makuli
Lindsey Waterman
Glen Manglapus

Editorial Activities:

Reviewer:

Journal of Neuroscience
Physiology and Behavior
Chemical Senses
Journal of Experimental Biology
Journal of Neurophysiology
Pharmacology, Physiology and Behavior

Behavioral Neuroscience
Journal of Comparative Neurology
Journal of Comparative Physiology A
Alcoholism: Clinical & Experimental Research
Journal Of Neuroscience Methods
Journal of Neurochemistry
PLoS ONE
BMC – Neuroscience
Brain Research
Neuropsychopharmacology
Alcohol

Editorial Boards:

2009-Present **Editor-In-Chief**, Adolescent Health, Medicine and Therapeutics
2010-Present Experimental Biology and Medicine – Neuroscience Section
2012-Present Conference Papers in Neuroscience
2013- Journal of Addiction and Prevention

Teaching and Other Advising Experience:

1986 Medical School Neuroscience Course (Responsible for the presentation of the lectures and laboratory on the Electrobiolology of Nerves and Synapses)
1990-Present Minority student research mentoring through the Summer Undergraduate Research Program (SURF) (two students)
1990-Present Undergraduate student research mentoring (11 students)
1987-Present Neuroscience Graduate Program (Participating Courses: Developmental Neuroscience, Behavioral Neuroscience, Sensory Systems, Pro-seminar Course and Neuroscience Colloquium, and Neuroscience course for graduate students; Psychophysics)
1990-Present Medical School Neuroscience Course (Sensory lectures: At present - Audition, Somesthesia, Pain, Chemical Senses; Vestibular)
2010-Present Undergraduate Neuroscience Course collaborative with Syracuse University
2004-2005 Medical Physiology (Lectures on Control of Plasma Osmolarity, Control of Plasma Sodium and Control of Plasma Potassium)
2004-2006 Course Director - Introduction to the Presentation and Analysis of

Scientific Literature

- 2008-Present Course Co-Director: Research Design for Physician Scientists (grant writing course for MD/PhD students)
- 2009-Present Course Co-Director: MD/PhD Grand Rounds: Integrating Clinical Care and the Study of Disease
- 2010-2012 Course Co-Director: Grant Writing in Neuroscience

Additional Professional Activities:

- 1982-1983 Consultant - Department of Defense, United States Army, Military Police Canine Division, Fort Carson, Colorado. (Narcotic and Explosive Detector Dog Program)
- 1994 External consultant to the Methacrylate Producer Association's Task Force on the anatomical and functional evaluation of methacrylate induced lesions of the olfactory epithelium
- 1997 Consultant to the National Geographic Society (Documentary on search and rescue dogs and canine olfaction)
- 1997 Consultant - Ministry of Defense, Israeli Army, Military Dog Program
- 1999 Consultant - Ministry of Defense, Israeli Army, Military Working Dog Program

Invited Symposia and Presentations (2007-Present):

- 2007 Research Society on Alcoholism: Symposium entitled – “Fetal and Neonatal Programming”
- 2008 Oklahoma Department of Mental Health: Conference for Health Care Workers - “Fetal and Neonatal Programming to Ethanol”
- 2007-2009 Upstate's “Healthlink on Air” radio show: “Fetal and Neonatal Programming to Ethanol”
- 2009 Skaneateles High School: “Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse”
- 2009 Ithaca College: “Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse”
- 2010 Monell Chemical Senses Center: “Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse.”
- 2011 Bard College: “Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse.”

- 2011 Western Health Sciences University: "Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse."
- 2011 SUNY Upstate Medical University, Dept of Psychiatry Grand Rounds: "Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse."
- 2011 Cornell University: "Does mother nature always know best? The contribution of fetal ethanol induced chemosensory plasticity on adolescent and adult alcohol abuse."
- 2011 Penn State University (Behrend Campus): "The contribution of fetal ethanol experience-induced chemosensory plasticity on adolescent and adult alcohol abuse."
- 2012 LeMoyne College: "The contribution of chemosensory fetal programming on adolescent and adult alcohol abuse."
- 2012 National Organization on Fetal Alcohol Syndrome, New Hampshire Chapter Summit: "Does mother nature always know best? Understanding the relationship between fetal alcohol exposure and adolescent alcohol abuse."
- 2012 Oswego State: "Understanding the relationship between prenatal alcohol exposure and adolescent alcohol abuse."

Grant Support History:

Current Grant Support:

- 2009-2014 Principal Investigator: S.L. Youngentob – NIH/NIAAA P50 Center Grant - Upstate Administrative Core - as part of the SUNY Developmental Ethanol Exposure Research Center: 1 P50 AA017823-01 (PD: L. Spear)
Total direct costs for the Core = \$281,485
- 2009-2014 Principal Investigator: S.L. Youngentob – NIH/NIAAA Grant entitled "Fetal and Adolescent Alcohol Exposure" - RC#2 as part of the SUNY Developmental Ethanol Exposure Research Center: 1 P50 AA017823-01
Total direct costs RC#2 = \$960,000

Renewal of the Above Grant (awarded with a priority score of 12):

- 2014-2019 Principal Investigator: S.L. Youngentob – NIH/NIAAA Grant entitled "Fetal and Adolescent Alcohol Exposure" - RC#2 as part of the Developmental Ethanol Exposure Research Center NIH/NIAAA grant 1 P50 AA017823-01 (PD: L. Spear)
Total direct costs RC#2 = \$875,000
- 2014-2019 Principal Investigator: S.L. Youngentob – NIH/NIAAA P50 Center Grant -

Upstate Administrative Core - as part of the SUNY Developmental Ethanol Exposure Research Center: 1 P50 AA017823-01 (PD: L. Spear)
Total direct costs for the Core = \$281,485

Prior Grant Support:

- 2010-2012 Principal Investigator: S.L. Youngentob – NIH/NIAAA Grant RO1 AA014871-05S1 (ARRA supplement) entitled “In utero ethanol experience and olfactory plasticity”.
Total direct costs = \$99,806
- 2005-2012 Principal Investigator: S.L. Youngentob – NIH/NIAAA Grant RO1 (AA014871) entitled “In utero ethanol experience and olfactory plasticity”.
Total direct costs = \$1,125,000
- 2007-2012 Principal Investigator: S.L. Youngentob – NIH/NIDCD Grant entitled “OMP: Role in olfactory signal detection and transduction”
Type: Sub-award to NIH grant 2RO1 DC003112-11A1.
Primary Grant was awarded to Dr. Frank Margolis, Univ. of Maryland.
Total direct costs of Sub-Award = \$ 430,000
- 2009-2012 Principal Investigator: S.L. Youngentob – NIH/NIDA Grant 1 R21 DA027740 entitled “Fetal Nicotine Exposure and Chemosensory Plasticity”
Total direct costs = \$200,000.
- 2009-2011 Co-Principal Investigator: S.L. Youngentob – NIH-NIDCD Grant 1R21DC009325 entitled “Toward a High Resolution Structure of an Olfactory Receptor”. (Multi-PI grant with B. Knox)
Total direct costs = \$275,000.
- 1998-2004 Principal Investigator: S.L. Youngentob - NIH grant RO1 DC03904-05
“A behavioral analysis of OMP’s role in odor processing”
Total direct costs: \$982,266
- 1999-2003 Principal Investigator: S.L. Youngentob - NIH grant RO1 DC04474-04
“Developing a rapid screen to detect olfactory mutants”
Total direct costs = \$416,510
- 1983-1988 Project Director - Maxwell Mozell, NIH grant PO1DC00220-05
Total direct costs (entire PPG) = \$1,495,135
“Clinical Olfactory Research Center”
Subproject 2 - S.L. Youngentob, P.I. “Relation of sniffing strategies to olfactory function”
Total direct costs Project 2 = \$484,113
- 1989-1994 Project Director - Maxwell Mozell, NIH grant PO1DC00220-10
Total direct costs (entire PPG) = \$3,831,791
“Clinical Olfactory Research Center”
Subproject 2 - S.L. Youngentob, P.I. “Olfactory function following peripheral lesion”

Total direct costs Project 2 = \$539,787

1995-2000 Project Director - Maxwell Mozell, NIH grant PO1DC00220-15
Total direct costs (entire PPG) = \$3,639,465
"Clinical Olfactory Research Center"

Subproject 2 - S.L. Youngentob, P.I. "Olfactory Function Following
Peripheral & Central Lesion"
Total direct costs Project 2 = \$953,990

Publications:

- Youngentob, S.L., Kurtz, D.B., Leopold, D.A., Mozell, M.M., and Hornung, D.E.
Olfactory sensitivity: Is there laterality? Chem. Sens., 7:11-21, 1982.
- Mozell, M.M., Hornung, D.E., Leopold, D.A., and Youngentob, S.L. Initial
mechanisms basic to olfactory perception. Am. J. Otolaryngol., 4:238-245, 1983.
- Youngentob, S.L. A quantitative analysis of sniffing strategies in rats performing
odor detection tasks. Doctoral Dissertation, 1984.
- Youngentob, S.L., Stern, N.M., Mozell, M.M., Leopold, D.A., and Hornung, D.E. The
effect of airway resistance on perceived odor intensity. Am. J. Otolaryngol.
7:187-193, 1986.
- Mozell, M.M., Schwartz, D.N., Youngentob, S.L., Leopold, D.A., Hornung, D.E., and
Sheehe, P.R., Reversal of hyposmia in laryngectomized patients. Chem. Sens.
11:397-410, 1986.
- Hornung, D.E., Kurtz, D.B., Mozell, M.M., Ewing, J.R., Brandt, O.G., and
Youngentob, S.L. Profile of the air movement during bullfrog respiration. Chem.
Sens. 12:131-138, 1987.
- Leopold, D.A., Hornung, D.E., Richardson, R.L., Kent, P.F., Mozell, M.M., and
Youngentob, S.L. A changing density technique to measure nasal airflow
patterns. Ann. N. Y. Acad. Sci. 510:451-453, 1987.
- Hornung, D.E., Leopold, D.A., Youngentob, S.L., Sheehe, P.R., Gagne, B.S.,
Thomas, F.D. and Mozell, M.M. Airflow patterns in a human nasal model. Arch.
Otolaryngol. 113:169-172, 1987.
- Hornung, D.E., Youngentob, S.L., and Mozell, M.M. Olfactory mucosa/air
partitioning of odorants. Brain Res. 413:147-154, 1987.
- Youngentob, S.L., Mozell, M.M., Sheehe, P.R. and Hornung, D.E. Quantitative
analysis of sniffing strategies in rats performing learned odor detection tasks.
Physiol. Behav. 41:59-69, 1987.
- Mozell, M.M., Sheehe, P.R., Hornung, D.E., Kent, P., Youngentob, S.L. and Murphy,
S. Imposed and inherent mucosal activity patterns: Their composite
representation of olfactory stimuli. J. Gen. Physiol. 90:625-650, 1987.
- Schwartz, D.N., Mozell, M.M., Youngentob, S.L., Leopold, D.A., and Sheehe, P.R.
Improvement of olfaction in laryngectomized patients with the larynx bypass.
Laryngoscope 97:1280-1286, 1987.

- Leopold, D.A., Preti, G., Mozell, M.M., Youngentob, S.L. and Wright, H.N. Fish-Odor syndrome presenting as dysosmia. Arch. Otolaryngol. Head Neck Surg. 116:354-355, 1990.
- Hornung, D.E., Leopold, D.A., Mozell, M.M., Sheehe, P.R. and Youngentob, S.L. Impact of left and right nostril olfactory abilities on binasal olfactory performance. Chem. Sens. 15:233-237, 1990.
- Youngentob, S.L., Markert, L.M., Mozell, M.M. and Hornung, D.E. A method for establishing a five odorant identification confusion matrix in rats. Physiol. Behav. 47:1053-1059, 1990.
- Youngentob, S.L., Hornung, D.E., and Mozell, M.M. Determination of carbon dioxide detection thresholds in trained rats. Physiol. Behav. 49:21-26, 1991.
- Youngentob, S.L., Markert, L.M., Hill, T.W., Matyas, E.P., and Mozell, M.M. Odorant identification in rats: an update. Physiol. Behav. 49:1293-1296, 1991.
- Leopold, D.A., Schwob, J.E., Youngentob, S.L., Hornung, D.E., Wright, H.N., and Mozell, M.M. Successful treatment of phantosmia with preservation of olfaction. Arch. Otolaryngol. Head Neck Surg. 117:1402-1406, 1991.
- Schwob, J.E., Youngentob, S.L., and Meiri, K.F. On the formation of neuromata in the primary olfactory projection. J. Comp. Neurol. 340:361-380, 1994.
- Schwob, J.E., Huard, J.M.T., Lushkin, M.B. and Youngentob, S.L. Retroviral lineage studies of the rat olfactory epithelium. Chem. Sens. 19:671-682, 1994.
- Kent, P.F., Youngentob, S.L., and Hornung, D.E. Mucosal activity patterns and odorant quality perception. In: Olfaction and Taste XI. K. Kurihara, N. Suzuki and H. Ogawa, eds., Springer-Verlag, NY, pp. 205-206, 1994.
- Hornung, D.E., Kurtz, D.B., and Youngentob, S.L. Anosmic patients can separate trigeminal and non-trigeminal stimulants. In: Olfaction and Taste XI. K. Kurihara, N. Suzuki and H. Ogawa, eds., Springer-Verlag, NY, pp. 635, 1994.
- Youngentob, S.L., Kent, P.F., Sheehe, P.R., Schwob, J.E. and Tzoumaka, E. Mucosal inherent activity patterns in the rat: Evidence from voltage sensitive dyes. J. Neurophysiol. 73:387-398, 1995.
- Youngentob, S.L. and Kent, P.F. Enhancement of odorant-induced activity patterns in rats trained on an odorant identification task. Brain Res. 670:82-88, 1995.
- Schwob, J.E., Youngentob, S.L., and Mezza, R.C. The reconstitution of the olfactory epithelium after methyl bromide induced lesions. J. Comp. Neurol. 359:15-37, 1995.
- Kent, P.F., Youngentob, S.L., and Sheehe, P.R. Odorant-specific spatial patterns in mucosal activity predict perceptual differences among odorants. J. Neurophysiol. 74:1777-1781, 1995.
- Loo, A.T., Youngentob, S.L., Kent, P.F., and Schwob, J.E. The aging olfactory epithelium: Neurogenesis, response to damage, and odorant-induced activity. Int. J. Dev. Neurosci. 14:881-900, 1996.
- Youngentob, S.L., Schwob, J.E., Sheehe, P.R., and Youngentob, L.M. Odorant threshold following methyl bromide-induced lesions of the olfactory epithelium.

- Physiol. Behav. 62:1241-1252, 1997.
- Goldstein, B.R., Fang, H., Youngentob, S.L., and Schwob, J.E. Transplantation of multipotent progenitors from the adult olfactory epithelium. NeuroReport 9:1611-1617, 1998.
- Huard, J.M.T., Youngentob, S.L., Goldstein, B.J., Luskin, M.B., and Schwob, J.E. Adult olfactory epithelium contains multipotent progenitors that give rise to neurons and non-neuronal cells. J. Comp. Neurol. 400:469-486, 1998.
- Youngentob S.L., and Margolis F.L.: OMP gene deletion causes an elevation in behavioral threshold sensitivity. NeuroReport 10:15-19, 1999
- Schwob, J.E., Youngentob, S.L., Ring, G.D., Iwema, C.L. and Mezza, R.C. The reinnervation of the rat olfactory bulb after methyl bromide-induced lesions: timing and extent of reinnervation. J. Comp. Neurol. 412:439-457, 1999.
- Youngentob, S.L., Margolis, F.L. and Youngentob, L.M. OMP gene deletion results in an alteration in odorant quality perception. Behavioral Neuroscience 115: 626-631, 2001.
- Youngentob, S.L., Schwob, J.E., Saha, S., Manglapus, G., and Jubelt, B. Functional consequences following infection of the olfactory system by intranasal infusion of the olfactory bulb line variant (OBLV) of MHV-JHM. Chem. Senses 26: 953-963, 2001.
- Schwob, J.E., Saha, S., Youngentob, S.L. and Jubelt, B. Intranasal inoculation with the olfactory bulb line variant of mouse hepatitis virus causes extensive destruction of the olfactory bulb and accelerated turnover of neurons in the olfactory epithelium of mice. Chem. Senses 26: 937-952, 2001.
- Jang, W., Youngentob, S.L., and Schwob, J.E. Globose basal cells are required for reconstitution of olfactory epithelium after methyl bromide lesion. J. Comp. Neurol. 460: 123-140, 2003.
- Kent, P.F., Mozell, M.M., Youngentob, S.L. and Yurco, P. Mucosal activity patterns as a basis for olfactory discrimination: Comparing behavior and optical recordings. Brain Res. 981: 1-11, 2003.
- Youngentob, S.L., Kent, P.F. and Margolis, F.L. OMP gene deletion results in an alteration in odorant-induced mucosal activity patterns. J. Neurophysiol. 90:3864-3873, 2003.
- Iwema, C.L., Fang, H., Kurtz, D.B., Youngentob, S.L. and Schwob, J.E. Odorant receptor expression patterns are restored in lesioned-recovered rat olfactory epithelium. J. Neurosci. 24:356-369, 2004.
- Carr, V.M., Ring, G., Youngentob, S.L. Schwob, J.E. and Farbman, A.I. Altered epithelial density and expansion of bulbar projections of a discrete HSP70 immunoreactive subpopulation of rat olfactory neurons in reconstituting olfactory epithelium following exposure to methyl bromide. J. Comp. Neurol. 469:475-493, 2004.
- Youngentob S.L., Pyrski M., Margolis F.L. Adenoviral vector-mediated rescue of the OMP-null behavioral phenotype: enhancement of odorant sensitivity. Behavioral Neurosci. 118:636-642, 2004.

- White, T. and Youngentob, S.L. The effect of NMDA-NR2B receptor subunit overexpression on olfactory memory in the mouse. Brain Res. 1021:1-7, 2004.
- Manglapus, G.L., Youngentob, S.L. and Schwob, J.E. Expression patterns of basic helix-loop-helix transcription factors define subsets of olfactory progenitor cells. J. Comp. Neurol. 479:216-233, 2004.
- Youngentob, S.L. A method for the rapid automated assessment of olfactory function. Chem Senses. 30:219-229, 2005.
- Youngentob, S.L. and Schwob, J.E. Odorant identification following acute methyl bromide-induced lesions of the olfactory epithelium. Behav. Neurosci. 120:1346-1355, 2006.
- Youngentob, S.L., Johnson, B.A., Leon, M., Sheehe, P.R. and Kent, P.F. Predicting odorant quality perceptions from multidimensional scaling of olfactory bulb glomerular activity patterns. Behav. Neurosci. 120:1337-1345, 2006.
- Youngentob, S., Kent, P., Sheehe, P., Molina, J., Spear, N.E. and Youngentob, L. The effect of gestational ethanol exposure on the behavioral and neurophysiologic olfactory response to ethanol odor in early postnatal and adult rats. Behav. Neurosci. 121:1293-1305, 2007.
- Youngentob, S., Molina, J., Spear, N.E. and Youngentob, L. The effect of gestational ethanol exposure on voluntary ethanol intake in early postnatal and adult rats. Behav. Neurosci. 1306-1315, 2007.
- White, T., Dishaw, L., Sheehe, P. and Youngentob S.L. The relationship between PROP and ethanol preferences: An evaluation of four inbred mouse strains. Chem. Senses 32:847-853, 2007.
- Eade, A.M. and Youngentob, S.L. Adolescent ethanol experience alters immediate and long-term behavioral responses to ethanol odor in observer and demonstrator rats. Behav. Brain Func. 5:23, 2009.
- Eade, A.M., Sheehe, P.R., Molina, J.C., Spear, N.E., Youngentob, L.M. and Youngentob, S.L. Fetal Ethanol-Induced Olfactory Plasticity: The Effect of adolescent ethanol re-exposure on the behavioral response to ethanol odor. Behav. Brain Func. 5:3, 2009.
- Homma, R., Cohen, L.B., Kosmidis, E.K. and Youngentob, S. L., Perceptual stability during dramatic changes in olfactory bulb activation maps and dramatic declines in activation amplitudes. Eur. J. Neurosci. 29:1027-1034, 2009.
- Middleton, F.A, Carrierfenster, K., Mooney, S.M. and Youngentob, S. L. Experience-induced fetal plasticity: Gestational ethanol exposure alters the behavioral response to ethanol odor and the expression of neurotransmission genes in the olfactory bulb of adolescent rats. Brain Res. 1252:105-16, 2009.
- Youngentob, S.L. and Glendinning, J.I. Fetal exposure to ethanol increases postnatal acceptance by altering its odor and taste. Proc. Natl. Acad. Sci. 106:5359-5364, 2009.
- Eade, A.M., Sheehe, P.R. and Youngentob, S.L. Ontogeny of the enhanced fetal-ethanol-induced behavioral and neurophysiologic olfactory response to ethanol odor. Alcohol: Clinc Exp. Res. 34: 206-213, 2010.

- Berger, D.F., Lombardo, J.P., Peck, J.A., Faraone, S.V., Middleton, F.A. and Youngentob, S.L. The effect of strain and prenatal nicotine exposure on ethanol consumption by adolescent male and female rats. Beh. Brain Res. 210:147-154, 2010.
- Eade, A.M., and Youngentob, S.L. The interaction of gestational and postnatal ethanol experience on the adolescent and adult odor-mediated responses to ethanol in observer and demonstrator rats. Alcohol: Clinc Exp. Res. 34:1705-13, 2010.
- Glendinning, J.I., Simons, Y.S., Youngentob, L. and Youngentob, S.L. Fetal ethanol exposure attenuates aversive oral effects of TrpV1, but not TrpA1 agonists in rats. Exp. Biol. Med. 237: 236-240, 2012.
- Youngentob, S.L., Kent, P.F., Youngentob, L.M. Gestational naltrexone ameliorates fetal ethanol exposures enhancing effect on the postnatal behavioral and neural response to ethanol. Exp. Biol. Med. 237:1197-1208, 2012.ely
- Mantella, N.M., Kent, P.F., and Youngentob, S.L. Fetal nicotine exposure increases preference for nicotine odor in early postnatal and adolescent, but not adult, rats. PLoS One. Dec 17; 8(12): e84989, 2013.
- Mantella, N.M. and Youngentob, S.L. Prenatal exposure increases postnatal acceptance for nicotine's odor and taste in adolescent rats. (manuscript in preparation)

Invited Articles and Book Chapters:

- Mozell, M.M., Schwartz, D.N., Youngentob, S.L., Leopold, D.A., Sheehe, P.R. and Listman, J.A. Trigeminal vs. olfactory input for laryngectomized patients. In: Chemical Irritation in the Nose and Mouth. B.G. Green, J.R. Mason, and M.R. Kare, eds., Marcel Dekker, Inc., N.Y., pp 71-94, 1990.
- Mozell, M.M., Sheehe, P.R., Hornung, D.E., Kent, P.F., Youngentob, S.L. and Murphy, S.J. The composite representation of olfactory stimuli by "Imposed" and "Inherent" mucosal activity patterns. In: Taste and Smell Research: The Lloyd M. Biedler Festschrift. ed: I. Miller. pp. 143-158, 1988.
- Leopold, D.A., Hornung, D.E., and Youngentob, S.L. Olfactory loss after upper respiratory infection. In: Smell and Taste in Health and Disease. T.V. Getchell, R.L. Doty, L.M. Bartoshuk, and J.B. Snow, eds., Raven Press, NY, pp. 731-734, 1991.
- Youngentob, S.L. Smell. In: The MIT Encyclopedia of the Cognitive Sciences. R. Wilson and F. Keil, eds., MIT Press, NY, pp 775-777, 1999.
- Youngentob, S.L. Introduction to the sense of smell: Understanding odors from the study of human and animal behavior. In: Taste and Aroma: The Chemical Senses in Science and Industry. G.Bell & Annesley Watson (Eds), UNSW Press, Australia, pp 23-38, 1999.
- Youngentob, S.L. Developing a strategy for the rapid identification of genetically altered mice: An olfactory system perspective. Lab Animal 30:32-37, 2001.
- DiLorenzo, P. and Youngentob, S.L. Olfaction and Taste. In: Comprehensive

Handbook of Psychology, Volume Three: Biological Psychology. M. Gallagher, R. Nelson and R.B. Weiner (Eds), John Wiley and Sons, NY, pp. 269-298, 2003.

DiLorenzo, P. and Youngentob, S.L. Olfaction and Taste. In: Comprehensive Handbook of Psychology, Volume Four: Biological Psychology. M. Gallagher, R. Nelson and R.B. Weiner (Eds), John Wiley and Sons, NY, In Press.

Meeting Presentations:

Youngentob, S.L., Kurtz, D.B., Leopold, D.A., Mozell, M.M., and Hornung, D.E. Olfactory sensitivity: Is there laterality? FASEB, 1979.

Hornung, D.E., Youngentob, S.L., and Mozell, M.M. Receptor cell contribution to olfactory mucosal odorant uptake. ACChemS, 1982.

Mozell, M.M., Schwartz, D., Leopold, D., and Youngentob, S.L. Reversal of hyposmia in laryngectomized patients. ACChemS VII, 1985.

Youngentob, S.L., and Mozell, M.M.. A quantitative analysis of sniffing strategies in rats performing odor detection tasks. ACChemS VII, 1985.

Youngentob, S.L., Stern, N.M., Leopold, D.A., Mozell, M.M. The effect of airway resistance on perceived odor intensity. ACChemS, 1985.

Hornung, D.E., Leopold, D.A., Youngentob, S.L., Sheehe, P.R., Mozell, M.M., Thomas, F.D., Greenberg, J.H. Airflow patterns in a human nasal model. ACChemS, 1986.

Leopold, D., Hornung, D., Richardson, R., Kent, P., Mozell, M. and Youngentob, S.L. A changing density technique to measure nasal airflow patterns. ISOT/ACChemS, 1986.

Mozell, M.M., Sheehe, P., Hornung, D., Kent, P., Youngentob, S., Murphy, S. Imposed and inherent mucosal activity patterns: Their composite representation of olfactory stimuli. ACChemS, 1986.

Leopold, D.A., Hornung, D.E., Mozell, M.M., Youngentob, S.L., and Petro, George. The relationship between nasal anatomy and human olfaction. ACChemS IX, 1987.

Youngentob, S.L., Mozell, M.M., and Hornung, D.E. A method for establishing a five odorant identification confusion matrix in rats. ACChemS X, 1988.

Hornung, D.E., Leopold, D.A., Blair, D.C., Clark, E.C., and Youngentob, S.L. Olfactory deficits in patient's infected with the human immunodeficiency virus. ACChemS XIII, 1991.

Schwob, J.E., and Youngentob, S.L. Reconstitution of the olfactory epithelium and reinnervation of the olfactory bulb after methyl bromide lesions. Society for Neuroscience, 1991.

Youngentob, S.L., Markert, L.M., Hill, T.W., Matyas, E.P., and Mozell, M.M. Odorant identification in an animal model: An update. ACChemS XIII, 1991.

Youngentob, S.L., and Schwob, J.E. Olfactory function following peripheral olfactory lesions. Society for Neuroscience, 1991.

Schwob, J.E., and Youngentob, S.L. Reconstitution of the olfactory epithelium and reinnervation of the olfactory bulb after methyl bromide lesions. ACChemS XIV, 1992.

- Youngentob, S.L., Kent, P.F., Schwob, J.E., and Mozell, M.M. Recovery of odorant induced spatial activity patterns following lesions of the olfactory epithelium in rats. ECRO, 1992.
- Youngentob, S.L., Kent, P.F., Schwob, J.E., Mozell, M.M. and Tzoumaka, E. Recovery of mucosal inherent activity patterns following methyl bromide induced lesions of the olfactory epithelium. ACChemS XIV, 1992.
- Youngentob, S.L., Kent, P.F., Sheehe, P.R., Schwob, J.E., Mozell, M.M., and Tzoumaka, E. Mucosal inherent activity patterns in the rat: evidence from voltage sensitive dyes. ACChemS XIV, 1992.
- Youngentob, S.L., and Schwob, J.E. Recovery of odorant identification following methyl bromide induced lesions of the olfactory epithelium. ACChemS XIV, 1992.
- Hornung, D.E., Kurtz, D., and Youngentob, S.L. Can anosmic patients separate trigeminal and non-trigeminal stimulants? ACChemS XV, 1993.
- Huard, J.M.T., Luskin, M.B., Youngentob, S.L., and Schwob, J.E. Retroviral labeling applied to lineage studies of the rat olfactory epithelium. Society for Neuroscience, 1993.
- Huard, J.M.T., Luskin, M., Youngentob, S.L., and Schwob, J.E. Retroviral labeling of clonally related cells in rat olfactory epithelium. ACChemS XV, 1993.
- Kent, P.F., and Youngentob, S.L. The relationship between odorant quality identification and mucosal inherent activity patterns. ACChemS XV, 1993.
- Kent, P.F., and Youngentob, S.L. Mucosal activity patterns and odorant quality perception. ISOT XI and JASTS XXVII, 1993.
- Schwob, J.E., Hershberger, J.M., and Youngentob, S.L. Reinnervation of the olfactory bulb after epithelial lesion. Society for Neuroscience, 1993.
- Schwob, J.E., Szumowski, K.E.M., Leopold, D.A., and Youngentob, S.L. Axonal abnormalities in the mammalian olfactory system. ACChemS XV, 1993.
- Youngentob, S.L., and Kent, P.F. Enhancement of mucosal inherent activity patterns in rats trained on an odorant identification task. ACChemS XV, 1993.
- Youngentob, S.L., Kent, P.F., and Sheehe, P.R. Odorant-specific spatial patterns in mucosal activity: Correlation with behavior. ACChemS XVI, 1994.
- Schwob, J.E., Huard, J.M.T., Lushkin, M.B. and Youngentob, S.L. Retroviral lineage studies of the rat olfactory epithelium. ACChemS XVI, 1994.
- Ring, G., Youngentob, S.L., and Schwob, J.E. Identification of a discrete subset of rat olfactory glomeruli and neurons. Society for Neuroscience, 1994.
- Ring, G., Youngentob, S.L., and Schwob, J.E. Identification of a discrete subset of rat olfactory glomeruli and their reinnervation following methyl bromide lesion. ACChemS XVII, 1995.
- Youngentob, S.L. and Schwob, J.E. Odorant threshold following methyl bromide induced lesions of the olfactory mucosa. ACChemS XVII, 1995.
- Goldstein, B.J., Youngentob, S.L., Luskin, M.B., and Schwob, J.E. Transplantation of olfactory epithelial progenitor cells into methyl bromide lesioned rats. ACChemS XVII,

1996

- Youngentob, S.L. and Schwob, J.E. Changes in odorant quality perception following methyl bromide induced lesions of the olfactory epithelium. ISOTXII/ACHEMS XIX, 1997.
- Iwema, C.L., Youngentob, S.L., Breer, H.L., and Schwob, J.E. Distribution of POR-defined neuronal subtypes in the olfactory epithelium following recovery from peripheral lesion. Society for Neuroscience, 1997.
- Youngentob, S.L. and Margolis, F.L. OMP gene deletion causes an elevation in behavioral threshold sensitivity. ACHEMS XX, 1998.
- Schwob, J.E. and Youngentob, S.L. When regeneration fails: Methyl bromide lesions and the replacement of olfactory epithelium by respiratory epithelium. ACHEMS XX, 1998.
- Carr, V. McM., Ring, G., Youngentob, S.L., Schwob, J.E. and Farbman, A.L. HSP70(+) olfactory receptor neurons (ORN) bulbar projections following methyl bromide (MeBr) lesion of the rat olfactory epithelium (OE). Society for Neuroscience, 1998.
- Carr, V. McM., Ring, G., Youngentob, S.L., Schwob, J.E. and Farbman, A.L. HSP70(+) olfactory receptor neurons (ORN) density and expansion of bulbar projections following methyl bromide (MeBr) lesion of the rat olfactory epithelium (OE). ACHEMS XXI, 1999.
- Kent, P.F., Mozell, M.M., Yurco, P.J. and Youngentob, S.L. Behavioral and optically recorded mucosa activity patterns in response to a homologous series of aldehydes in the rat. ACHEMSXXII, 2000.
- Schwob, J.E. and Youngentob, S.L. Reinnervation of the olfactory bulb and functional capacity after recovery from lesions of the olfactory epithelium. ISOT XIII, 2000.
- Youngentob, S.L., Margolis, F.L. and Youngentob, L.M. OMP gene deletion results in an alteration in odorant quality perception. ISOT XIII, 2000.
- Youngentob, S.L., Kent, P.F. and Margolis, F.L. OMP gene deletion alters mucosal inherent activity patterns. ISOT XIII, 2000.
- Manglopus, G.L., Youngentob, S.L. and Schwob, J.E. Expression of *notch* pathway genes in normal and methyl bromide lesioned adult rat olfactory epithelium. Society for Neuroscience, 2000.
- Manglopus, G.L., Youngentob, S.L. and Schwob, J.E. *Mash1* and *NeuroD* expression in methyl bromide-lesioned adult rat olfactory epithelium. ACHEMSXXIV, 2002.
- Youngentob, S.L., Pyrski, M., and Margolis, F.L. Adenoviral vector-mediated rescue of the OMP-null behavioral phenotype: enhancement of odorant sensitivity. ACHEMSXXV, 2003.
- Youngentob, S.L., Kent, P.F., Mooney, S.M., Spear, N.E. and Molina, J.C. In utero ethanol experience and olfactory plasticity. RSOA, 2004.
- Youngentob, S.L., Johnson, B.A., Leon, M., Sheehe, P.R. and Kent, P.F. Olfactory bulb glomerular activity patterns as a basis for odorant quality coding: Predicting perceptual behavioral from 2-DG functional maps. ACHEMS XXVIII, 2006.

- Dishaw, L.V., White, T.W. and Youngentob, S.L. Genetic influence on the perception of the taste of alcohol. *AChems XXVIII*, 2006.
- Cohen, LB., Homma, R., Kosimidis, E.K. and Youngentob, S.L. Toward an estimate of the number of receptor neuron spikes needed for odorant identification. *AChemS XXIX*, 2007.
- Margolis, F.L., Youngentob, S., Margolis, J., Kent, P. and Koo, J.H. OMP mechanism of action: A model. *AChems XXIX*, 2007.
- Kent, P.F., Youngentob, S.L., Margolis, F.L. Olfactory Marker Protein is a Novel Modulator of Ca²⁺ Efflux in Olfactory Sensory Neurons. *AChemS XXX*, 2008.
- Youngentob, S.L., Eade, A.M., Kent, P.F., Youngentob, L.M. Fetal Ethanol Experience and Olfactory Plasticity: Its Contribution to Adolescent Alcohol Abuse. *AChemS XXX*, 2008.
- Eade, A.M., Molina, J.C., Spear, N.E., Kent, P.F., Youngentob, L.M., Youngentob, S.L. Fetal Ethanol-Induced Olfactory Plasticity: The Effect of Adolescent Ethanol Re-Exposure on the Olfactory Response to Ethanol Odor. Research Society on Alcoholism Meeting, 2008.
- Mooney, S.M., Youngentob, S.L., Varlinskaya, E.I. Behavioral effects of acute exposure to ethanol are time-dependent. Research Society on Alcoholism Meeting, 2009.
- Eade, A.M., Youngentob, S.L. Adolescent ethanol exposure augments fetal ethanol induced behavioral alterations in both observer and demonstrator rats. Research Society on Alcoholism Meeting, 2009.
- Youngentob, S.L., Eade, A.M., Kent, P.F., Youngentob, L.M. Gestational Naltrexone alters the enhancing consequence of fetal ethanol exposure on postnatal ethanol intake and the behavioral and neural olfactory response to ethanol odor. Winter Brain Research Conference, 2011.
- Glendinning, J.I., Simons, Y., Youngentob, L.M. Youngentob, S.L. Fetal ethanol exposure attenuates the aversive oral effects of TrpV1 but not TrpA1 agonists. *AChemS*, 2011.
- Youngentob, S.L., Eade, A.M., Kent, P.F., Youngentob, L.M. Gestational Naltrexone alters the enhancing consequence of fetal ethanol exposure on postnatal intake and the olfactory response to ethanol odor. Research Society on Alcoholism Meeting, 2011.
- Prestia, L.T., Middleton, F.A., Youngentob, S.L. Prenatal ethanol exposure up-regulates synaptic signaling gene expression in the adolescent olfactory bulb that normalizes by adulthood. Research Society on Alcoholism Meeting, 2011.
- Prestia L.T, Middleton, F. A., Youngentob, S.L. Gene expression of gustatory bitter and irritation sensing receptors are decreased in the circumvallate papilla of animals prenatally exposed to ethanol. Annual meeting of the International Society of Developmental Psychobiology meeting, 2012.
- Randall, N.M., Kent, P.F., Youngentob, L.M., Youngentob, S.L. The effect of fetal nicotine exposure on the olfactory response to odor in early postnatal, adolescent and adult rats. Annual meeting of the International Society of Developmental Psychobiology meeting, 2012.

Prestia L.T, Middleton, F. A., Youngentob, S.L. Decreased expression of bitter taste and oral irritation receptor genes in adolescent rats as a consequence of prenatal ethanol exposure. Research Society on Alcoholism Meeting, 2013.

Morales-Allende, A.P., Bedard, K., Youngentob, L., Youngentob, S., Glendinning, J.I. Fetal ethanol exposure diminishes chorda tympani nerve responses to some but not all taste stimuli in the adolescent rat. AChemS, 2014.

Deak, T., Middleton, F. A., Youngentob, S.L. Gene expression profiling reveals a lingering effect of prenatal alcohol exposure on inflammatory-related genes during adolescence and adulthood. Research Society on Alcoholism Meeting, 2014.