

CURRICULUM VITAE
OREGON HEALTH & SCIENCE UNIVERSITY

NAME Donald F. AustinDATE 2/03/11**PRESENT POSITION AND ADDRESS**

Academic Rank: Professor Emeritus

Department/Division: Dept. of Public Health and Preventive Medicine

Professional Address: OHSU, School of Medicine, CB 669

E-Mail Address: austind@ohsu.edu

I. BIOLOGICAL

Birthdate*: 11/01/1937

**Marital Status/
Children*:** Married, wife Susan and 3 sons, Greg, Cary, Jack

Home Address*: 2016 Ridgewood Road, Lake Oswego, OR 97034

Optional*II. EDUCATION****Undergraduate and Graduate (Include Year, Degree, and Institution):**

University of Oregon, Eugene, OR B.S. 1962 Pre-Med

Postgraduate (Include Year, Degree, and Institution):

Univ. of Oregon Medical School (OHSU), Portland, OR M.D. 1965 Medicine

Univ. of Oregon Medical School (OHSU) M.S. 1970 Microbiology

University of California, Berkeley, CA M.P.H. 1970 Epidemiology

Certification (Include Board, Number, Date, and Recertification):

Board Certification, American College of Preventive Medicine, 1971

Licenses (Include State, Date, Status, Number, and Renewal Date):

Oregon [1965 – present]. Emeritus status, MD07420, 12/31/2004

III. PROFESSIONAL EXPERIENCE**Academic (Include Year, Position, and Institution):**

1970-1993 Lecturer in Epidemiology, Univ. of Cal., School of Pub. Health, UC Berkeley

1994-1997 Clin. Assoc. Prof., Dept. Pub. Health & Prev. Med., OHSU

1997-present Professor, Department of Public Health & Preventive Medicine, OHSU

2000-present Tenure awarded, DPHPM, OHSU, Emeritus Professor status conferred, 2007

Administrative (Include Year, Position, and Institution):

1966-1968 Cancer Control Officer, Commissioned Corps (assigned to Kentucky State Department of Health)
 1968-1969 Research Scientist, Viral Oncology Unit, USPHS CDC, Atlanta, Ga.
 1970-1971 Med. Epidemiologist, Adult Health and Chron. Dis. Bur., Cal. Dept. of Public Health
 1973-1974 Med. Epidemiologist, Resource for Cancer Epidemiology, Cal. Dept. of Health
 1974-1988 Chief, Cal. Tumor Registry (CTR), Cal. Dept. of Health
 1976-1985 Chief, Resource for Cancer Epid. Sect. and CTR, Cal. Dept. of Health Services
 1985-1988 Chief, Cancer Prev. Sect. and CTR, Cal. Dept. of Health Services
 1988-1990 Prin. Investigator, Region 6 Regional Ca. Registry, Cal. Dept. of Health Services Project
 1988-1992 Chief, Cancer Epid. Unit, Cal. Dept. of Health Services
 1992-1997 Research Principal Investigator, Calif. Pub. Health Foundation, Berkeley, Cal.
 1993-1997 Medical Officer, GS-14, USPHS, CDC, Natl. Ctr. for Chron. Dis. Prev. & Health Promotion
 assigned: Sr. Med. Advisor, Health Promotion & Chron. Dis. Prev. Prog., OR. Health Div.
 1994-1998 Steering Committee, Oregon Cancer Center, OHSU
 1999-2005 Assoc. Dir, Cancer Prevention and Control, Oregon Cancer Center, now OHSU Cancer Institute
 2007-present Co-Investigator, Natl Ctr for Rehab Auditory Research, VAMC, Portland Oregon.

Other (Include Year, Position, and Institution):

Ad Hoc Member, Pancreatic Cancer Rev. Subcomm., Nat. Pancreatic Cancer Proj. NCI, 1979-1980
 Member, Cancer Control Merit Rev. Comm., NCI, 1979-1981
 Member, Special Projects Rev. Study Section, NIH, 1979-1981
 Ad Hoc Member, Cancer Control Science Prog. Merit Rev. Comm., NIH, 1984
 Ad Hoc Member, Cancer Control Res. Prog. Proj. Grant Rev. Comm., NIH, 1984
 Member, Cancer Control Grant Rev. Comm., NIH, 1985-1987
 Member, Board of Directors, Am. Cancer Soc., Cal. Div., 1985-1991
 Member, Board of Directors, Am. Council on Sci. and Health, 1986-1993
 Member, Research Comm., Am. Cancer Soc., Cal. Div., 1986-88, 1990-1992
 Chair: Alzheimer Dis. Pt. Registry (ADPR) Ad Hoc Comm., NIA, 1988-1989
 Member, Black/White Cancer Survival Study Adv. Group, NCI, 1987-1994
 President, (North) American Assoc. of Central Cancer Registries, 1988-1991
 Member, NIA Neuroscience, Behavior & Sociology of Aging Review Comm., 1991-1993
 Member, Executive Steering Committee, Oregon Cancer Center, OHSU. 1993-2005
 Program Leader, Cancer Control and Prevention Program, Or. Ca. Ctr., 1993-1999
 Associate Director, Cancer Prevention and Control, OHSU Cancer Institute, 1999-2005
 Mentor, CDC Chr Disease Epi Mentoring Program for state health dept chronic dis epidemiologists, 2004-06
 Chair, Advisory Committee, CDC Chronic Disease Epidemiology Mentoring Program, 2010-present

IV. SCHOLARSHIP**Area(s) of Research/Scholarly Interest:**

Cancer epidemiology, causation, chronic disease epidemiology, disease surveillance, quality of care

Grants and Contracts:**Federal (Include Title, Source, PI, Amount Period, and % Effort)**

TS-0838 (Austin)	08/20/03-08/19/06	13%
ATPM/CDC	\$290,114	

The major goal of this project is to develop a curriculum module for training medical students in an optimal method for conducting clinical breast exams and to test the difference in proficiency in detecting breast lumps between this method and the usual training method. In addition to training

students in the optimal physical exam technique, it addresses clinical decision-making about findings, standardized charting terminology and practices, and appropriate case management.

ID# 033256	10/01/98-4/30/02	20%
Robt. Wood Johnson (Greenlick)	\$172,852	
Assessing the Efficacy of Self-Management Strategies		

The goal of this project is to determine whether the dissemination of self-care manuals alter observed or self-reported health care outcomes, including patient behavior, utilization, or health care costs.

TS 302-15/15 (Austin)	10/01/99-09/30/03	15%
ATPM/CDC	\$337,144	
Cancer in the Disabled Medicaid Population in Oregon		

The major goal of this project is to quantify the effect of this suspected inadequate clinical service on cancer incidence (as from tobacco-related cancers) and on clinical stage and treatment (as from breast, cervical, and colorectal cancer) by performing a record linkage between Medicaid files and the state cancer registry, followed up by chart audits of sample members in different disability groups found to have higher cancer risk or higher risk of late diagnosis.

5P30 CA69533-04 (Bagby)	06/01/00 - 05/31/05	10%
NIH/NCI	\$1,394,381	(No Salary)
Oregon Cancer Center		

The main goals of this project are to further develop the OHSU Cancer Institute and to support an administrative structure that will support basic, clinical, and population research in cancer.

TS-0838 (Austin)	8/15/03-8/14/06	13%
ATPM/CDC	\$315,912	

Standardized Clinical Breast Exam (CBE) Curriculum for Medical Students

The purpose of this project is to develop and test the effect of a curriculum module for teaching randomly selected students to perform a clinical breast exam, and compare the competency of the module-trained students to those receiving the usual training.

MM-0805-04/04 (Steiner)	01/01/04-12/31/06	2%
AAMC-CDC	\$110,731	

Teaching Primary Care Residents Judicious Antibiotic Use

The goal of this project is to develop and administer a curriculum module on appropriate use of antibiotics; follow-up will determine if the curriculum results in lower antibiotic use.

1RO3CA094686-01A1 (Semenza)	04/01/03-03/31/04	2%
NCI		(No salary)
Trichloroethylene Exposure Assessment		

This study will identify all subjects recently diagnosed with cancer in Oregon and Washington by linking the employee database with the two population-based cancer registries through probabilistic matching by social security number, name and address and estimate the odds ratios associated with TCE exposure. Selected samples will be genotyped for CYP2E1 polymorphisms relevant to TCE detoxification pathways.

State and Local (Include Title, Source, PI, Amount Period, and % Effort)

MRF 1103 (Austin)	12/01/02-11/30/04	5%
Medical Research Foundation of Oregon	\$29,811	(No Salary)

Pilot Study for Evaluating a Clinical Breast Exam Training Program

The main goal of this project is to assess the utility and expense of using certain data in the state cancer registry for conducting an evaluation of the effect of a CME training course on clinical breast exams, in preparation for submitting a large grant to NCI.

2002-333 (Steiner)	01/01/03-12/31/04	2%
Northwest Health Foundation	\$75,143	

CBE Training in Oregon Residency Programs

The major goal of this project is to develop a clinical breast exam training program within every primary care residency program in Oregon that trains physicians to care for adult women.

2002-09 NCI Seed Grant through OHSU Cancer Institute (Semenza, PSU)	2%
NCI/OCI	(No salary)

Estrogen and Breast Cancer Susceptibility: A Pilot Study

This study is a case control study with the goal to explore the possibility that genetic variability in genes coding for enzymes that metabolize estrogen alters the risk for breast cancer.

The Oregon Health Survey (Semenza, PSU)	2%
Northwest Health Foundation (2000)	(No salary)

This project builds an infrastructure in Oregon for establishing research on cancer prevention and etiology. It is designed to complement the Oregon State Cancer Registry (OSCaR) and enhance

The project enrolls cancer-free Oregon residents in a health survey and collects detailed demographic and epidemiological information on them. Study participants are also be requested to donate biological samples such as blood or cheek cells that will be used for laboratory analysis and allow cancer researchers to identify genetic risk factors for cancer.

Other Support (Include Title, Source, PI, Amount Period, and % Effort)

Mentoring for Junior State Chronic Disease Epidemiologists (Lengerich, Penn State Univ, Hershey)		
CDC/CSSTE	3/12/03-3/11/04	5%

Pending Support (Include Title, Source, PI, Amount Period, and % Effort)

(Semenza, PSU)	9/1/03-8/31/06	12%
Molecular Epidemiology of TCE Exposure	\$316,135	

The goal of this project is to determine whether a cohort of employees, heavily exposed to TCE in drinking water over five decades, experienced any greater number of specific cancers than expected, based on their age, race and sex. In addition, patients with renal cell carcinomas (RCCs) occurring in this cohort will be compared to other patients in the state with RCCs to determine the relationship of

genetic mutations to the tumor suppressor gene VPL in the genesis of RCC among those exposed to TCE.

(Vaughan) VA \$111,613 35%
Epidemiology of Speech Understanding Deficits in Diabetic Veterans

The goal of this project is to determine whether diabetes contributes to central deficit in understanding speech, separate from any hearing loss due to peripheral neural or otosclerotic hearing loss and if so, the attributable risk among veterans.

OR Dept. of Human Services, Public Health (Austin) \$55,951 5%
Curriculum development, course delivery, and Surge Investigator Registry (GHPM0097A) (contrib.)

The purpose of this grant is to develop and carry out a curriculum for training students in epidemiologic investigations of disease outbreaks, and to create and manage a registry of trained professionals who can be called on by the state health authorities to help in the event of a public health emergency or disaster.

Publications/Creative Work: (Selected)

Peer-reviewed

Austin D, Reynolds P, Snyder M, Biggs M, and Stubbs H: Malignant Melanoma Among Employees of the Lawrence Livermore National Laboratory, *Lancet*, 11:712-716, 1981

Blot WJ, McLaughlin JK, Winn DM, Austin DF, et al.: Smoking and Drinking in Relation to Oral and Pharyngeal Cancer. *Cancer Res*, 48:3282-3287, 1988.

Austin D, Reynolds, Boyd P, et al.: Progress in the War on Cancer. *NEJM*, 321:1197-1198, 1989.

Rosenblatt KA, Thomas DB, McTiernan A, Austin MA, Stalsberg H, Stemhagen A, Thompson WD, Curnen MGM, Satariano W, Austin DF, et al.: Breast cancer in men: aspects of familial aggregation. *J Natl Cancer Inst* 83(12):849-854. 1991.

Thomas DB, Jimenez LM, McTiernan A, Rosenblatt K, Stalsberg H, Stemhagen A, Thompson WD, McCrea Curnen MG, Satariano W, Austin DF, et al.: Breast cancer in men: risk factors with hormonal implications. *Am J of Epidemiol* 135(7):734-748, 1992.

Coates RJ, Bransfield DD, Wesley M, Hankey B, Eley JW, Greenberg RS, Flanders D, Hunter CP, Edwards BK, Forman M, Chen VW, Reynolds P, Boyd P, Austin, DF, et al.: Differences between black and white women with breast cancer in time from symptom recognition to medical consultation. *J Natl Cancer Inst* 84(12):938-950, 1992.

Hunter, CP, Redmond CK, Chen V, Austin DF, et al.: Breast cancer: factors associated with stage at diagnosis in Black and White women. *J Natl Cancer Inst* 85:1129-1137, 1993

Austin DF and Reynolds P: Investigation of an excess of melanoma among employees of the Lawrence Livermore National Laboratory. *Am J Epidemiol*, 145 (6) 524-31, 1997

Byrne J, Rasmussen SA, Steinhorn SC, Connely RR, Meyers MH, Lynch CE, Flannery J, Austin DF, et al.: Genetic disease in offspring of long-term survivors of childhood and adolescent cancer. *Am J Hum Genet* 62(1):45-52, 1998

Rosenblatt KA, Thomas DB, Jimenez LM, Fish B, McTiernan A, Stalsberg H, Stemhagen A, Thompson WD, McCrea Curnen MG, Satariano W, Austin DF, et al. The relationship between diet and breast cancer in men (United States) *Cancer Causes and Control* 10:107-113, 1999

Schillinger JA, Jack Jr L, Austin DF, et al.: Health care reform in Oregon: the impact of the Oregon Health Plan on utilization of mammography services among newly enrolled Medicaid managed care recipients. *Am J Prev Med* 18(1):11-17, 2000

Austin D: Can the 'Specificity' of an Association be Rehabilitated as a Basis for Supporting a Causal Hypothesis? *Epidemiol* 13(3):371, 2002

Vetto JT, Petty JK, Dunn N, Prouser NC, Austin DF: Structured clinical breast examination (CBE) training

- results in objective improvement in CBE skills. *J Cancer Educ* 17:124-127, 2002
- Eisner A, Austin DF, Samples JR: Short wavelength automated perimetry and tomoxifen use. *Brit J Ophth* 88, 125-30, 2004
- Huang M, Hollis J, Polen P, Lapidus J, Austin D, Stages of smoking acquisition versus susceptibility as predictors of smoking initiation in adolescents in primary care. *Addictive Behaviors*, 30(6):1183-1194, 2005
- Guise J-M, Austin DF, Morris CD. Review of case-control studies related to breastfeeding and reduced risk of childhood leukemia. *Pediatrics* (116(5):e724-31, 2005 Nov
- Girard DE, Choi D, Dickey J, Wessel K, Austin D., A Mid-Year Comparison Study of Career Satisfaction and Emotional States between Residents and Faculty at One Academic Medical Center. *BMC Medical Education* 2006, 6:36
- Pankow JF, Watanabe KH, Tocalino PL, Luo W, Austin DF. Calculated Cancer Risks for Conventional and "Potentially Reduced Exposure Product" Cigarettes. *Cancer Epidemiology, Biomarkers and Prevention* 2007;16(3):594-602)
- Enestvedt CK, Mayo SC, Diggs BS, Mori M, Austin DF, Shipley DK, Sheppard BC, Billingsley KG. Diagnostic Laparoscopy for Patients with Potentially Resectable Pancreatic Adenocarcinoma: Is It Cost-Effective in the Current Era? 2008, *J Gastrointest Surg* DOI 10.1007/s11605-008-0514-y
- Steiner E, Austin D, Prouser N. Detection and description of small breast masses by residents trained using a standardized clinical breast exam curriculum. *American Journal of Internal Medicine* 2008 23(2):129-34
- Krall, K, Douglas, J, Perrin, N, Austin, D, Lambert, W, Heumann, M. The View-Master Health Study Focus Groups. *Journal of Environmental Health*, 2008 Jul/Aug
- Suhler EB, Lloyd MJ, Choi D, Rosenbaum JT, Austin DF. Incidence and Prevalence of Uveitis in Veterans Affairs Medical Centers of the Pacific Northwest. *Am J Ophthalmol* 2008;146:890-896.
- Mayo SC, Austin DF, Sheppard BC, Mori M, Shipley DK, Billingsley KG. Evolving preoperative evaluation of patients with Pancreatic cancer: does laparoscopy have a role in the current era? *JACS* 208(1):87-95, 2009
- Austin DF, Konrad-Martin D, Griest S, McMillian GP, McDermott D, Fausti S. Diabetes-related changes in hearing. *Laryngoscope*, 2009, 119(9):1788-1796.
- Watanabe KH, Djordjevic MV, Stellman SD, Tocalino PL, Austin DF, Pankow JF. Incremental Lifetime Cancer Risks Computed for Benzo[a]pyrene and Two Tobacco-Specific N-nitrosamines in Mainstream Cigarette Smoke Compared with Lung Cancer Risks Derived from Epidemiologic Data. *Regulatory Toxicology and Pharmacology* 55(2):123-33, 2009
- Konrad-Martin D, Austin DF, Griest S, McMillian GP, McDermott D, Fausti S. Diabetes-Related Changes in Auditory Brainstem Responses. *Laryngoscope* 2010, 120:150-158.
- Mayo SC, Austin DF, Sheppard B, Shipley D, Mori T, Billingsley K. Adjuvant Therapy and Survival Following Resection of Pancreatic Adenocarcinoma: A Population-Based Analysis. *Cancer* 2010 (In Press)
- Reavis KM, McMillan G, Austin D, Gallun F, Fausti SA, Gordon JS, Helt WJ, Konrad-Martin D. Distortion-Product Otoacoustic Emission Test Performance for Ototoxicity Monitoring. 2010 *Ear and Hearing* Feb 2011 - Volume 32 - Issue 1 - pp 61-74 [DOI: 10.1097/AUD.0b013e3181e8b6a7]
- Folmer RL, McMillan GP, Austin DF, Henry JA. Audiometric thresholds and prevalence of tinnitus among male Veterans in the United States: data from the National Health and Nutrition Examination Survey, 1999-2006. *Journal of Rehabilitation Research and Development* (In press)

Non-peer-reviewed

- Austin DF: Etiological clues from descriptive epidemiology: Squamous carcinoma of the rectum or anus. *Natl Cancer Inst Monogr* 62:89-90, 1982.
- Austin D: Smoking and Cervical Cancer. [Editorial], *JAMA*, 250(4):216, 1983.
- Austin D, Reynolds, Boyd P, et al.: Progress in the War on Cancer. *NEJM*, 321:1197-1198, 1989.
- Austin D: Cancer registry types: goals and operations. *Aging: Clinical and Experimental Research* Vol 2 (1):80-83. 1990.

Books

Epidemiology for the Health Sciences, Austin DF and Werner SB Chas C Thomas, publ. 1974

Chapters

Austin D: Cancer of the Larynx. Cancer Epidemiology and Prevention, Ed., Schottenfeld D and Fraumeni J (Saunders, publ.) Ch 31:554-563, 1982

Austin DF and Reynolds P: Ch. 30: Larynx, in: Cancer Epidemiology and Prevention, eds Schottenfeld and Fraumeni. publ Oxford Univ. Press (NY), Ch 30, 619-636, 1996

Electronic Publications

Reviews

Abstracts

Association of a breast cancer incidence anomaly with environmental pollution, Austin DF and Rothlein, J. Presented at 131st Annual APHA Meeting (November 15-19, 2003)

Standardized Clinical Breast Exam Training Evaluation, Austin DF and Steiner S.

Presented at Annual Teachers of Preventive Medicine Conf. (February 19-22, 2008)

Other

Invited Lectures, Conference Presentations or Professorships:

International and National

Mentoring Junior Chronic Disease Epidemiologists in State Health Departments – Invited presentation, 18th National Conference on Chronic Disease Prevention and Control, 2004

Regional and Local

The Need for A New Assessment of Oregon's Tobacco Control Efforts – Keynote presentation, Statewide Tobacco Control Planning Session, 2004

The Basics of Incorporating Data into Public Health Practice – 2005 Workshop, Nebr. Publ. Health Assn.

V. SERVICE

Membership in Professional Societies:

Society for Epidemiologic Research, 1974-present

American Public Health Association, 1974-present

Oregon Public Health Association, Board of Directors, 2005-present

Granting Agency Review Work:

Ad Hoc Member, Pancreatic Cancer Rev. Subcomm., Nat. Pancreatic Cancer Proj. NCI, 1979-1980

Member, Cancer Control Merit Rev. Comm., NCI, 1979-1981

Member, Special Projects Rev. Study Section, NIH, 1979-1981

Ad Hoc Member, Cancer Control Science Prog. Merit Rev. Comm., NIH, 1984

Ad Hoc Member, Cancer Control Res. Prog. Proj. Grant Rev. Comm., NIH, 1984

Member, Cancer Control Grant Rev. Comm., NIH, 1985-1987

Member, Research Comm., Am. Cancer Soc., Cal. Div., 1986-88, 1990-1992

Chair, Alzheimer Dis. Pt. Registry (ADPR) Ad Hoc Comm., NIA, 1988-1989

Member, Black/White Cancer Survival Study Adv. Group, NCI, 1987-1994

President, Am. Assoc. of Central Cancer Registries, 1988-1991

Member, NIA Neuroscience, Behavior & Sociology of Aging Review Comm., 1991-1993

Editorial and Ad Hoc Review Activities:

Reviewer: JAMA

Reviewer: Northwest Public Health

Committees:

International/National

Member, Board of Directors, American Council on Science and Health, 1986-1993

Regional

Institutional

OHSU Foundation Science Committee, 1996-98

Employee Benefits Committee, 2002-present

Member: Research Planning Group for Center of Family Care in Oregon SON, OHSU, 2004

Member: AGCME Residency Competency Requirements Compliance planning group - 2003

Participant: Residency Stress Evaluation project, D. Girard, PI - 2004

Departmental

Promotion and Tenure Committee, Chair: 2002-2007, member 2007-present

Epidemiology Division, Director, 2003-2007, member 2007-present

Community Service:

Member, Board of Directors, Am. Cancer Soc., Cal. Div., 1985-1991

Member, Board of Directors, Am. Cancer Soc., Ore. Div. 1994-1997

Member, Oregon Medical Assistance Programs, Medical Directors Committee, 1994-1997

Chair: Breast Cancer Control Core Committee, Am. Cancer Soc., Ore. Div. 1995-1997

Member, Diabetes Advisory Committee, Oregon Dept. of Human Services, Health Services 1995-98

Member, Oregon State Cancer Registry Advisory Committee, 1995-present

Member, Quality of Care Committee, CareOregon MCO, 1994-present

Member, Oregon Cancer Registry Advisory Committee, DHS, 1996-present

Member, Patient Care Committee, Regence BlueCross BlueShield of Oregon, 1997-present

Member, Breast Cancer Committee, Am. Cancer Soc., NW Region, 1998-2001

Member, Breast and Cervical Cancer Medical Advisory Committee, State BCC Program, 2000-present

Member, Asthma Control Program, Oregon Dept. of Human Services, Health Services, 2002- present

Member, Core Planning Group for Statewide Cancer Control Plan Development, 2002-present

Member, Advisory Committee, Oregon Hospital Outcomes, 2002-present

TOFCO - (Tobacco Free Coalition of Oregon)

State Chair, 2002-2005, Board of Directors, 2005-2006

Chair, Policy Committee 2002-2005, member 2005-2007

Member, TOFCO Make It Your Business project – Advisory Committee – 2003-2006

Member, Tobacco Reduction Advisory Committee, Governor's appointment – 2006-present

Member, Oregon Environmental Health Tracking Coalition (DHS/DEQ) 2003-present

Co-organizer: Epidemiology Forum (Metro area) 2002-2005

Board of Directors, Oregon Public Health Association, 2004-2006, President-elect 2008-present

Clinical Responsibilities (since last promotion):

VI. TEACHING (OHSU Educator 's Portfolio):

Overview of your Role as an Educator:

Scholarship of Teaching:

Curriculum Development

Epidemiology I (PH 512) (Introduction to terms and concepts)

Epidemiology III (PH 514) (Causation and translation of scientific information into policy)

Epidemiology segment of Principles of Clinical Medicine (medical students)

History of Epidemiology (PH 507.4)

Epidemiology of Chronic Disease (PH 507.01))

Disease Surveillance (PH 570)

Outbreak Investigations (PH 507)

Additional Courses Taught

Introduction to Research Methods PH 540

Educational Publications

Educational Conference Presentations

Education Grants and Contracts:

Outbreak Investigations Curriculum and Surge Registry of Public Health Investigators

OR Dept. of Human Services, Public Health - \$55,951

Educational Activity (see Appendix A and B):

Effectiveness of Educational Activity:

Service and Membership of Educational Committees:

Honors and Awards for Education:

Collaborative Skills:

Professional Development in Education: