

November 16, 2007

JUDITH ABRAMS, Ph.D.

OFFICE ADDRESS

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EDUCATION

St. John's College	Annapolis, MD	A.B.	1965	Liberal Arts
University of Vermont	Burlington, VT	M.S.	1973	Biometry
New York University	New York, NY	M.S.	1978	Computer Science
University of Michigan	Ann Arbor, MI	Ph.D	1984	Biostatistics

FACULTY APPOINTMENTS:

1987-1994	Assistant Research Scientist Department of Biostatistics University of Michigan
1994-1999	Senior Research Biostatistician Biostatistics and Research Epidemiology Henry Ford Health System
2000-present	Professor Karmanos Cancer Institute, Department of Internal Medicine Wayne State University

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

1992-1994	Director, Biostatistics Core Facility University of Michigan Cancer Center
1994-1999	Director, Biostatistics Core Facility Josephine Ford Cancer Center Henry Ford Health System
1994-1999	Director, Information Systems Core Facility Josephine Ford Cancer Center Henry Ford Health System
1999- present	Director, Integrated Biostatistics Unit School of Medicine Wayne State University

2003-present **Director**
1999-2003 **Co-Director**
 Biostatistics Core
 Karmanos Cancer Institute

2003-present **Director**
 Biostatistics and Research Database Core
 Center for African American Urban Health
 Wayne State University

MAJOR PROFESSIONAL SOCIETIES

American Statistical Association
The Biometric Society
Institute for Mathematical Statistics
Society for Clinical Trials

SERVICE

Professional Consultation

Consulting To Public Agencies, Foundations, Professional Associations

Epidemiology and Technology Transfer Subcommittee of the AIDS Research Review Committee of the NIAID, July 1, 1991-June 30, 1994.

Special Review Committee of the National Institute of Mental Health: Center for the Biopsychosocial Study of AIDS, University of Miami, Miami FL, May 2, 1991.

Special Review Committee of the National Institute of Allergy and Infectious Diseases: Special Review of RFP-NIH-NIAID-DAIDS-93-01 Statistical and Clinical Coordinating Center, December 3-4, 1992

National Institutes of Health Reviewers Reserve, July 1, 1994 to June 30, 1998.

Special Review Committee of the National Cancer Institute: Vanderbilt University Cancer Center, Nashville, TN. January 24-26, 1995.

Special Review Committee of the National Institute of Allergy and Infectious Diseases: Special Review of RFA-AI-94-01 Adult AIDS Clinical Trials Groups. May 9-12, 1995

United States Army Medical Research and Materiel Command (USAMRMC) Breast Cancer Research Peer Review Committee, November 5-7, 1995.

Special Review Committee of the National Cancer Institute: Cancer Research Center of Hawaii. Honolulu, HI. February 19-21, 1996.

National Institute of Dental Research Special Emphasis Panel: Oral Cancer Research Centers Review, March 5-8, 1996.

Special Review Committee of the National Institute of Allergy and Infectious Diseases: HIVNet Projects, June 23-25, 1997

United States Army Medical Research and Materiel Command (USAMRMC) Breast Cancer Research Program Peer Review Committee, September 6-8, 1997.

Special Review Committee of the National Cancer Institute. Informatics Support for Breast and Colon Cancer Cooperative Family Registries. Washington, DC. December 8, 1997.

Special Review Committee of the National Cancer Institute: Columbia University Cancer Center, New York, NY. March 12-14, 1998.

Special Emphasis Panel National Cancer Institute. RFP N01-CP-81017-21: Cohort

- and Nested Case-Control Study of AIDS-Related Non-Hodgkin's Lymphoma, Kaposi's Sarcoma, and other Malignancies. Washington, DC. April 3, 1998.
- Special Review committee of the National Cancer Institute. Kaplan Comprehensive Cancer Center, New York University. New York, NY. June 29-July 1, 1998.
- Special Emphasis Panel, National Institute of Dental Research. PO1 DE12861-01. Washington, DC. August 6, 1998.
- Special Review Committee of the National Cancer Institute: 1 PO1 CA82533-01. Molecular Oncology Program Project. H. Lee Moffitt Cancer Center, University of South Florida. Tampa, FL. January 25-27, 1999.
- Special Review Committee of the National Cancer Institute: Vanderbilt University Cancer Center, Nashville, TN. February 17-19, 1999.
- Special Review Committee of the National Cancer Institute. 5 PO1 CA13525. Program for the Treatment of Malignant Brain Tumors University of California San Francisco. Washington, DC. May 26-27, 1999.
- Special Review Committee of the National Cancer Institute. 5 PO1 CA79860-01A1. Bone Marrow Transplant for Breast Cancer. University of Colorado Health Sciences Center. Teleconference July 28, 1999.
- NCI Scientific Review Group – Subcommittee H (NCI-H). 2 U10 CA69651-07 National Surgical and Bowel Project (NSABP) Biostatistical Center Award. Pittsburgh, PA. September 15-17, 1999.
- Special Emphasis Panel, National Institute of Dental Research. RO1 DE13559-01. Lockart, Peter. Impact of Amoxicillin on Bacteremia from Oral Pathogens. December 13, 1999.
- Special Emphasis Panel. National Institute of Dental and Craniofacial Research. R01 DE13559-01. Lockart, Peter. Impact of Amoxicillin on Bacteremia from Oral Pathogens. Teleconference September 14, 1999.
- Special Review Committee of the National Cancer Institute: Cancer Research Center of Hawaii. Honolulu, HI. February 22-24, 2000.
- Special Review Committee of the National Institute of Dental and Craniofacial Research. Special Emphasis Panel. R01 DE10713-06-01. An Evaluation and Treatment Study of TMJ. Southwestern Medical School. Teleconference March 24, 2000.
- Special Review Committee of the National Cancer Institute. 1 P01 CA79860-01A2. Bone Marrow Transplantation for Breast Cancer. University of Colorado Health Sciences Center. Teleconference July 07, 2000.
- Subcommittee E – Cancer Epidemiology, Prevention & Control, National Cancer Institute Initial Review Group. Washington, DC. August 16, 2000-August 18, 2000.
- Special Review Committee of the National Cancer Institute. 5 P01 CA Bailey Teleconference September 27, 2000.
- Special Emphasis Panel. National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Lung and Prostate, Washington, DC. October 25, 2000 - October 27, 2000.
- NCI Scientific Review Group NCI-D GRB-4. Frederick R. Appelbaum, MD. Adult Leukemia Research Center. Seattle, WA. May 16, 2001 - May 18, 2001.
- NCI Initial Review Group NCI-A GRB-R(T2). Daniel W. Nixon, MD. 2 P30 CA17613-27. American Health Foundation Cancer Center Support Grant. June 6, 2001 – June 8, 2001.

- Special Review Committee of the National Institute of Dental and Craniofacial Research. R01DE13559-01. Lockhart, Peter. Impact of Amoxicillin on Bacteremia from Oral Pathogens. Teleconference June 15, 2001.
- Special Review Committee of the National Cancer Institute. PO1 CA90890-01 A1 George Bailey, Ph.D. June 18, 2001
- Special Emphasis Panel ZCA1 GRB-V (O2). National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Skin Cancer, Washington, DC. June 21, 2001 - June 22, 2001.
- Special Emphasis Panel ZXCA1 SRRB-Y (J2). National Cancer Institute. Shared Resources for Scientists not at NCI Funded Cancer Centers. November 13, 2001-November 14, 2001.
- Special Emphasis Panel ZCA1 SRRB-E (M1) National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Head and Neck Cancer, Washington, DC. March 12, 2002-March 13, 2002.
- NCI Initial Review Group NCI-A GRB-H(C1). 2P30 CA016087-23. New York University Cancer Institute. New York, NY. May 6, 2002-May 8, 2002.
- Special Emphasis Panel NCCAM ZAT1 G(08). PAR-02-040 CAM and Oncology. Washington, DC. June 17, 2002-June 18, 2002.
- NCI Scientific Review Group NCI-E GRB-F (X6) 1 P01 CA90890-01A2. Comparative Mechanisms of Cancer Chemoprevention. Teleconference. June 25, 2002.
- NCI Scientific Review Group NCI-D GRB (H3) Glioblastoma: Molecular Targeted Therapies and Imaging; MD Anderson Cancer Center. Houston, TX. September 30,2002-October 2, 2002.
- Special Emphasis Group NIH-NIAID-DAIDS-03-20 ZAI1 YL-A (C2) Regulatory Compliance Center. Washington, DC. October 9, 2002.
- NCI Initial Review Group NCI-A GRB-H(Y2). 2P30 CA13696-31. Herbert Irving Comprehensive Cancer Center, Columbia University. New York, NY. January 27, 2003-January 29, 2003.
- Special Emphasis Panel ZCA1 GRB-G (M1) National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Prostate and Other Genitourinary Cancers, Washington, DC. February 26, 2003- February 28, 2003.
- Special Emphasis Panel ZAT1 G(10) National Center for Complementary and Alternative Medicine. Washington, DC. July 29, 2003 – July 31, 2003.
- Special Emphasis Panel NCI-D GRB (H3) Glioblastoma: Molecular Targeted Therapies and Imaging; MD Anderson Cancer Center, Teleconference September 19, 2003.
- Special Emphasis Panel ZCA1 RPRB-G(J1) National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Leukemia and Lymphoma. Washington, DC. October 29, 2003 – October 31, 2003.
- Special Emphasis Panel ZCA1 SRRB-E (M1) National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Head and Neck Cancer. Washington, DC. March 2-March 4, 2004.**
- Special Emphasis Panel ZRG1 BSTA 30 National Center for Research Resources High End Instrumentation Program. Washington, DC. March 31, 2004.**
- Special Emphasis Panel ZCA1 GRB-T (M3) National Cancer Institute. Specialized Programs of Research Excellence (SPORE) in Ovarian**

- Cancer. Washington, DC. May 18, 2004**
- Special Emphasis Panel ZCA1 National Cancer Institute. Program Project 2P01 CA066726-10 Immuno/Gene Therapy Cluster; PI SM Albelda, MD. Teleconference, September 26, 2004.**
- Member, ZDE1RR46 Review Committee NIDCR Small Research Grants for Data Analyses and Statistical Methodology, 2004-2005.**
- NIDCR Small Research Grants for Data Analyses and Statistical Methodology. ZDE1 RR46 Teleconference Review of 4 R-03 Applications to NIDCR PAR 04-091, February 11, 2005**
- NIDCR Small Research Grants for Data Analyses and Statistical Methodology. ZDE1 RR46 Teleconference Review of 3 R-03 Applications to NIDCR PAR 04-091, February 25, 2005**
- Special Emphasis Panel ZRG1 SBIB-Q 50R: PAR-03-106: Innovations in Biomedical Computer Science and Technology R21/F33, Washington, DC. March 7, 2005.**
- Special Emphasis Panel ZCA1 SRRB-E(01). Centers for Medical Countermeasures Against Radiation. Washington, DC. June 20-June 22, 2005.**
- Special Emphasis Panel ZRG1 SBIB-Q (50) (R): PAR-03-106, PAR-03-119, PAR-04-023: Innovations in Biomedical Computational Science and Technology, Washington, DC. July 18, 2005.**
- Special Emphasis Panel ZCA 1 GRB-I(J1) National Cancer Institute Specialized Programs of Research Excellence (SPORE) in Lung and GU Cancer. Washington, DC. September 13-14, 2005**
- NIDCR Small Research Grants for Data Analyses and Statistical Methodology (R03) PAR-04-091. ZDE1 LK (29) Teleconference Review. December 5, 2005**
- Del Harder Foundation. Review of Seed Grants. Rehabilitation Institute of Michigan, December 8, 2005**
- Special Emphasis Panel ZCA 1 GRB-I(M1) National Cancer Institute Specialized Programs of Research Excellence (SPORE) in Prostate and Skin Cancers. Washington, DC. February 15-17, 2006.**
- Special Emphasis Panel ZDE1 LK 36. Administrative, Data Coordination and Clinical Center U01 Applications Addressing Adult Caries (PACS). Washington, DC. March 20, 2006.**
- NIDCR 06-91, Review R03s Data Analysis & Statistical Methodology. ZDE1 PZ 91. Teleconference Review June 20, 2006.**
- Del Harder Foundation. Review of Seed Grants. Rehabilitation Institute of Michigan, December 11, 2006**
- Special Emphasis Panel ZCA1 GRB-I(M1). SPORE in Lung, Head and Neck, Lymphoma and Brain Cancers. Washington, DC February 13-15, 2007.**
- NIDCR 07-33, Review R03s Data Analysis & Statistical Methodology. ZDE1 LK 33. Teleconference Review March 14, 2007.**

Journal/Editorial Activity

Associate Editor (Biostatistics), Journal of Clinical Oncology, 2006-

Ad Hoc Reviewer

Communications in Statistics
Computational Statistics and Data Analysis
Journal of the American Statistical Association, Book Section
Annals of Neurology
Gastroenterology
Statistics in Medicine
Journal of Neuro-Oncology

Other Professionally Related Service

- Heterosexual HIV Transmission Study (HATS)
 - Member, Executive Advisory Committee, 1988-1995
 - Chair, Data Committee, 1988-1995
- NIAID/CDC Collaborative Heterosexual HIV Transmission Study
 - Member, Executive Advisory Committee 1991-1995
 - Chair, Data Committee 1991-1995
 - Member, Epidemiology Committee 1991-1995
- Geriatric Oral Science Project, University of Michigan
 - External Advisory Committee 1994-1999.
- Alzheimer's Dementia Research Center, University of Michigan
 - External Advisory Committee 1993-1998.
- Cancer Research Network. Biostatistics Expert Team, 1999
- American Association of Cancer Institutes 2000 - 2003
 - Member, Information Technology Committee
 - Member, Subcommittee 1: Cancer Data and Communications Standards
 - Member, Subcommittee 3: Building Clinical and Clinical Research Informatics Infra-Structure
- Centers for Population Health and Health Disparities 2004 - present**
 - Member, Measurements Working Group**
- Cancer Center Biostatistics Core Directors 1998 - present**

Positions Held in Professional Associations

- Biometric Society (ENAR) Regional Advisory Board, 1989-1991

State and Local Boards and Committees

- 1992-1999 Cervical Cancer Advisory Committee, Michigan Department of Health
- 1993 1994 Clinical Trials Review Committee, University of Michigan
- 1995-1999 Protocol Review Committee, Henry Ford Health System

KARMANOS CANCER INSTITUTE, WAYNE STATE UNIVERSITY

- 2002-present Scientific Leadership Committee**
- 2000-present Protocol Review and Monitoring Committee**
- 2003-Present Quality Assurance Committee**
- 2003-Present Data Safety and Monitoring Committee**
- 2003-present Core Directors Committee**
- 2003-present Informatics Internal Advisory Committee**
- 2003-present Bioinformatics Core Internal Advisory committee**
- 2005-present Promotion and Tenure Committee**

DEPARTMENT OF INTERNAL MEDICINE, SCHOOL OF MEDICINE, WAYNE STATE UNIVERSITY

- 2000-present Research Committee, Department of Internal Medicine**
- 2001-2004 Clinical Research Center Internal Advisory Committee**
- 2002-2003, **Promotion and Tenure Committee**
- 2005-present**

DEPARTMENT OF FAMILY MEDICINE SCHOOL OF MEDICINE, WAYNE STATE UNIVERSITY

2004-present MPH Curriculum Development Committee

CENTER FOR URBAN AND AFRICAN AMERICAN HEALTH, SCHOOL OF MEDICINE, WAYNE STATE UNIVERSITY

2003-present Internal Advisory Committee

2003-present Data Safety and Monitoring Committee

2003-present Recruitment and Clinical Measures Committee

SCHOOL OF MEDICINE, WAYNE STATE UNIVERSITY

2000-2003 Public Health / International Health Task Force

2006 Clinical Research Training Committee

COLLEGE OF NURSING, WAYNE STATE UNIVERSITY

2004-present Center for Health Research Internal Advisory Council

WAYNE STATE UNIVERSITY

2004-2005 Advisory Committee, President's Research Enhancement Program

2003-present INPHAASE

TEACHING

At Wayne State University

07/2002-11/2002 CRC Seminar Series (Seminar Co-Director)
Statistics I: Basic Concepts and Data Types
Statistics II: Estimation and Hypothesis Tests
Statistics III: Multivariable Models
Sample Size I: Basic Concepts and Considerations
Sample Size II: Calculating Sample Size
Data Analysis and Presentation: Basic Concepts of Graphing Data

Fall 2002 CB7600 Applied Cancer Biostatistics Lectures
Text: Campbell MJ Machin D (1999) Medical Statistics.
Experimental Design
Contingency Tables
Analysis of Variance

07/2003-12/2003 CRC Seminar Series (Seminar Co-Director)
Overview of Study Design
Clinical Trials I: Phase I and Phase II Studies
Clinical Trials II: Phase III Studies
Statistics I: Basic Concepts and Data Types
Statistics II: Estimation and Hypothesis Tests
Statistics III: Multivariable Models
Sample Size I: Basic Concepts and Considerations
Sample Size II: Calculating Sample Size
Data Analysis and Presentation: Basic Concepts of Graphing Data

At Other Colleges/Universities

- 1988-1989 BIOS/EPID 559 Design of Quasi-experimental and Observational
1989-1990 Studies
OJOC M.S. Program in Clinical Research Design and Statistical
Analysis
University of Michigan
Texts: Breslow NE and Day NE. (1980) Analysis of Case-Control
Studies
Breslow NE and Day NE. (1987) Design and Analysis of
Cohort Studies
- Fall, 1992 Biostatistics 616 Design of Clinical Studies--Clinical Trials
University of Michigan
Text: Freidman LM, Furburg CD, DeMets DL. Fundamentals of
Clinical Trials.
- 1995-1996 Survey Course in Biostatistics, Epidemiology and Research Project
Implementation
Henry Ford Health System
Sample Size Determination
Design of Clinical Trials
- 1995-1996 Short Course in Biostatistics and Research Epidemiology
Henry Ford Health System
Use and Abuse of Clinical Trials

GRANT SUPPORT—ACTIVE AT SOME TIME DURING 2006

- Flack J. Center for African American Urban Health. NIH/NIEHS.
1P50ES012395.09/28/03-04/30/08. Director, Biostatistics & Research Database
Core, 10% effort.
- Hetzel F. Photodynamic Therapy – Basic Science Studies. NIH/NCI. 3 P01 CA437992-
15.07/01/04-06/30/09. \$1,196,703. (\$79, 764 Biostatistics). Co-Investigator,
15% effort (Director, Statistics Center).
- Hu J. Improving Specificity of Breast Cancer Diagnosis with Proton MRSI. Susan B.
Komen Foundation. IMG0402881.05/01/04-04/30/07. \$246,545. Co-Investigator,
3% effort.
- Lancaster W. Cervical Cancer Cofactors and HPV DNA Integration. NCI. 07/01/04-
06/30/06. \$125,000. Co-Investigator, 3% effort.
- Lancaster WD. HPV Integration as a Biomarker for CIN Behavior.
NIH/NCI. 1R03CA094328-01A1. 03/07/02-03/06/04. Co-Investigator, 5% effort.
- Tainsky M. Assays for the Early Detection of Cancer. MLSC. GR-445. 09/01/03-
08/31/06. \$551,388. Co-Investigator, 10% effort.
- Tainsky M. Markers for early detection of ovarian cancer. NIH/NCI. 1R21CA100740.
06/01/03-05/31/05. \$100,000, Co-Investigator, R21. 3% effort; R33 10% effort.
- Tainsky M. Detection of Breast Cancer using Antigen Microarrays. NIH/NCI.
07/01/04-06/30/08. \$100,000. Co-Investigator, R21 3% effort, R33 10% effort.
- Ruckdeschel J. Cancer Center Support Grant. NIH/NCI. 12/01/04-11/30/09.
\$650,000. Director, Biostatistics Core, 35% effort.

GRANT SUPPORT—PREVIOUS

- Abrams J. Prostate Health Education Project. Michigan Public Health Institute. 7071-97262. \$44,016. 10/01/00–09/30/01. PI, 2% effort.
- Cooper G. Claims data to measure cancer surveillance procedures. NIH/NCI. 1R01CA079051-01A1. \$876,712. 07/01/99-11/01/99. Co-Investigator, 5% effort.
- Cornell R. A Data Coordinating Center for Collaborative Prospective Cohort Studies of HIV/AIDS. NIH/NIAID CDC. 1N01AI095015-00089. 12/15/88-08/31/95. Co-Director, 1988-1994, 25% effort; Director, 1994-1995
- Hetzel F. Photodynamic Therapy – Basic Science Studies. NIH/NCI. 3 P01 CA437992-13s. 08/01/03-03/31/05 (\$39,733 Biostatistics). Co-Investigator (Director, Statistics Center), 5% effort.
- Hetzel F. Photodynamic Therapy: Basic Science Studies . NIH/NCI. 5P01CA043892-12. 03/16/98-12/31/03. Co-Investigator, 5% effort.
- Johnson CC. Molecular Epidemiology of Breast Cancer: Establishment of an at Risk Cohort and Methods to Improve the Collection and Use of Risk Factor Data. US Army, Medical Research & Materials Command. RP 951555. \$ 74,590. 08/01/96-09/30/99. Co-Investigator, 5% effort.
- Kucuk O. A Phase II Trial of Zileuton in Persons with Dysplasia of the Bronchial Epithelium. NIH/NCI. NCI-CN-05022-57. 09/30/02-01/31/04. \$605,468. Co-Investigator, 5% effort.
- Little R. A Training Grant in Biostatistics and Breast Cancer. U.S. Department of Defense. 1994. Co-Investigator.
- Loesche W. Geriatric Oral Science Program Project. NIH/NIDR. 1P01DE009142. 03/01/90-09/30/94. Director, Biostatistics Core, 20% effort.
- Matherly L. Molecular Correlates of Methotrexate In Childhood ALL. NIH/NCI. 2R01CA076641. 12/01/97-11/30/01. Co-Investigator, 5% effort.
- Mikkelsen T. New Applications in Brain Tumor Therapy (Johns Hopkins University). NIH/NCI. 2 U01 CA-62432. \$416,307. 12/01/97-11/01/99.2. Co-Investigator, 5% effort.
- Neale AV. Correcting the Literature after Scientific Misconduct. NIH/NINDS. 5R01NS044487. 07/01/01-08/31/04. \$125,000. Co-Investigator, 5% effort.
- Rempel S. SPARC: A Diagnostic Marker for Invasive Meningioma. NIH/NCI. R21 CA-79713. \$75,000. 12/01/98-11/01/99. Co-Investigator, 2% effort.
- Ruckdeschel J. Cancer Center Support Grant. NIH/NCI. 5P30CA022453. 12/01/00-11/30/04. Director, Biostatistics Core, 20% effort.
- Schmelz E. Anti-Cancer Mechanisms of Dietary Sphingolipids. NIH/NCI. 04/01/04-03/31/07. \$191,885. Co-Investigator, 5% effort.
- Schmelz E. Prevention of Breast Cancer with phingolipids. NIH/NCI. 1R03CA101125. 04/01/03-03/31/05. Co-Investigator, 5% effort.
- Strecher V. Tailored interventions for multiple risk behaviors. NIH/NCI. 5R01CA080696. \$2,821,084. 04/01/99-11/01/99. Co-Investigator 5% effort Yrs 1-3, 25% effort Yr 4.

- Wagner J. 5%. Increasing Effectiveness of Cancer Control Interventions. NIH/NCI. 1 U19 CA79689. \$3,249,526. 01/01/99-10/30/99. Co-Investigator, 5% effort.
- Wicha M. Core Grant in Support of the University of Michigan Comprehensive Cancer Center. NIH/NCI. 1P30CA046592-01A1. 09/30/88-09/30/94. Co-Director, Biostatistics Core, 50% effort.
- Worsham M. Benign Breast Disease: Molecular Markers of Risk. NIH/NCI. 3R01CA070923-05S2. 09/30/96-09/29/03. Co-Investigator, 10% effort.

PUBLICATIONS

Original Observations in Refereed Journals

- Bart RS, Schragger D, Kopf AW, Abrams (Bromberg) J, Dubin N. "Scalpel excision of basal cell carcinomas." *Archives of Dermatology*, 114:739-742, 1978.
- Kopf AW, Lazar M, Bart RS, Dubin N, Abrams (Bromberg) J. "Prevalence of nevocytic nevi on lateral and medial aspects of arms." *Journal Dermatological Surgery and Oncology*, 4:153-157. Skurnick JH, Abrams J, Kennedy CA, Valentine SN, Cordell JB. (1998). "Maintenance of safe sex behavior by heterosexual HIV-discordant couples." *AIDS Education and Prevention*, 10:493-505, 1978.
- Wright S, Rosenthal A, Abrams (Bromberg) J, Schork A. "R-wave amplitude changes during exercise in adolescents with left ventricular pressure and volume overload." *American Journal of Cardiology*, 52:841-846, 1983.
- Berki SE, Wyszewianski L, Lichtenstein R, Gimotty PA, Bowlyow JE, Papke ME, Smith TB, Crane SC, Abrams (Bromberg) J. "Health insurance coverage of the unemployed." *Medical Care*, 23:847-854, 1984.
- Brown MB, Abrams (Bromberg) J. "An efficient two-stage procedure for generating random variates from the multinomial distribution." *The American Statistician*, 38:169-171, 1984.
- Feingold M, Coffey MP, Abrams (Bromberg) J. "A normed measure of variability among proportions." *Computational Statistics and Data Analysis*, 7:127-141, 1988.
- Greenhouse JB, Stangl D, Abrams (Bromberg) J. "An introduction to survival analysis: statistical methods for the analysis of clinical trials." *Journal of Consulting and Clinical Psychology*, 57:536-544, 1989.
- Orringer MB, Forastiere AA, Perez-Tamayo C, Urba S, Takasugi BJ, Abrams (Bromberg) J. "Chemotherapy and radiation therapy prior to transhiatal esophagectomy." *Annals of Thoracic Surgery*, 49:348-354, 1989.
- Varani J, Ginsberg I, Schuger L, Gibbs DF, Abrams (Bromberg) J, Johnson KJ, Ryan US, Ward PA. "Endothelial cell killing by neutrophils: Synergistic interaction of oxygen products and proteases." *American Journal of Pathology*, 134:1201-1211, 1989.
- Diokno AC, Brock BM, Herzog AR, Abrams (Bromberg) J. "Medical correlates of urinary incontinence in the elderly." *Urology*, 36: 129-138, 1990.
- Holloway JJ, Mendendorp SV, Abrams (Bromberg) J. "Risk factors for early readmission among patients of Veterans Administration hospitals." *Health Services Research, Special Supplementary Issue*, 25:1(2), 1990.

- Newton H, Junck L, Abrams (Bromberg) J, Page MA, Greenberg HS. "Procarbazine chemotherapy in the treatment of malignant astrocytomas after radiation and nitrosurea failure." *Neurology*, 40:1743-1745, 1990.
- Urba SG, Orringer MB, Perez-Tamayo C, Abrams (Bromberg) J, Forastiere A. "Concurrent preoperative chemotherapy and radiation therapy in localized esophageal adenocarcinoma." *Cancer*, 69:285-291, 1992.
- Varani J, Taylor CG, Riser B, Shumaker DK, Yet KY, Dame M, Gibbs DF, Todd RF 3d, Dumler F, Abrams (Bromberg) J, Killen PD. "Mesangial cell killing by leukocytes: role of leukocyte oxidants and proteolytic enzymes." *Kidney International*, 42:1169-1177, 1992.
- Castle VP, Heidelberger KP, Abrams (Bromberg) J, Ou X, Dole M, Nunez G. "Expression of the apoptosis-suppressing protein BCL-2 in neuroblastoma is associated with unfavorable histology and N-myc amplification." *American Journal of Pathology*, 143:1543-1550, 1993.
- Knol JA, Marn CS, Francis IR, Rubin JB, Abrams (Bromberg) J, Chang AE. "Diagnosis of liver metastases: comparison of dynamic infusion and delayed computed tomography, intraoperative ultrasound and palpation." *American Journal of Surgery*, 165:87-87, 1993.
- Newton HB, Abrams (Bromberg) J, Junck L, Page MA, Greenberg HS. "Comparison between BCNU and procarbazine chemotherapy for treatment of gliomas." *Journal of Neuro-Oncology*, 15:257-263, 1993.
- DeHovitz JA, Kelly P, Feldman J, Sierra M, Clarke L, Abrams (Bromberg) J, Wan J-Y, Vermund SH, Landesman S. "Sexually transmitted diseases, sexual behavior and cocaine use in inner city: A report from the heterosexual HIV transmission study." *American Journal of Epidemiology*, 140: 1125-1134, 1994.
- Greenberg HS, Chandler WF, Ensminger WD, Sandler H, Junck L, Page MA, Crane D, McKeever P, Tankanow R, Abrams (Bromberg) J.. "Radiosensitization with carotid intra-arterial bromodeoxyuridine 5-fluorouracil biomodulation for malignant gliomas." *Neurology*, 44:1715-1720, 1994.
- Grossman HB, Sommerfield D, Konnak JW, Abrams (Bromberg), J. "Long-term assessment of renal function following nephrectomy for stage I renal carcinoma." *British Journal of Urology*, 74:279-282, 1994.
- Wan JY, Wang W, Abrams (Bromberg) J. "A SAS macro for residual deviance of ordinal regression analysis." *Computer Methods and Programs in Biomedicine*, 43:307-310, 1994.
- Flint A, Grossman HB, Liebert M, Lloyd RV, Abrams (Bromberg) J. "DNA and PCNA content of renal cell carcinoma and prognosis." *American Journal of Clinical Pathology*, 103:14-19, 1995.
- Greenhouse JB, Abrams (Bromberg) J, Fromm D. . "An introduction to logistic regression with an application to the analysis of language recovery following a stroke." *Journal of Communication Disorders*, 28:229-246, 1995.
- Hildebrandt GH, Loesche WJ, Abrams (Bromberg) J, Bretz WA. "Comparison of the number and type of dental functional units in geriatric populations with diverse medical backgrounds." *Journal of Prosthetic Dentistry*, 73:253-61, 1995.

- Loesche WJ, Abrams J, Terpenning MS, Bretz WA, Domingues BL, Grossman NS, Hildebrandt GH, Langmore SE, Lopatin DE. "Dental findings in geriatric populations with diverse medical backgrounds." *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontics*, 80:43-54, 1995.
- Loesche WJ, Abrams (Bromberg) J, Terpenning MS, Bretz WA, Dominguez BL, Grossman NS, Langmore SE. "Xerostomia, xerogenic medications and food avoidances in selected geriatric groups." *Journal of the American Geriatrics Society*, 43:1-7, 1995.
- Padian NS, Abrams J, Skurnick JH, Van Devanter NL, O'Brien T. "Risk factors for post-coital bleeding among women with or at risk for infection from human immunodeficiency virus." *Journal of Infectious Disease*, 172:1084-1087, 1995.
- Burk RD, Kelly P, Feldman J, Abrams (Bromberg) J, Vermund SH, DeHovitz JA, Landesman SH. "Declining prevalence of cervicovaginal human papillomavirus with age is independent of other risk factors." *Sexually Transmitted Diseases*, 23:331-41, 1996.
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Invited Seminars or Lectures Presented in Last 5 Years

Rationale and Design of Clinical Trials. Neurosurgery Grand Rounds, Wayne State University. November 19, 2003

Some Aspects of Survival Analysis. Neurosurgery Grand Rounds, Wayne State University. November 19, 2003