

CURRICULUM VITAE

ASHOK J. BHARUCHA, MD, MA

BIOGRAPHICAL

Name: Ashok J. Bharucha, MD
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EDUCATION AND TRAINING

UNDERGRADUATE

9/1984-6/1988	Bucknell University Lewisburg, PA	B.A., Cum Laude (1988)	Chemistry and German
	Middlebury College Middlebury, VT	Summer 1985, 1995	German

GRADUATE

09/1988-06/1992	Penn State University College of Medicine Hershey, PA	MD (1992)
08/2017	Bread Loaf School of English Middlebury College Middlebury, VT	MA, English

POSTGRADUATE

07/1992-06/1993	Harvard Medical School, Boston, MA	
	McLean Hospital Belmont, MA	Geriatric and addiction psychiatry (4 months)
	Massachusetts General Hospital Boston, MA	Neurology (2 months)
	Mount Auburn Hospital Cambridge, MA	Medical internship (6 months)

07/1993-06/1996	McLean Hospital Belmont, MA	Adult psychiatry residency, Bruce Cohen, MD, PhD, Director
07/1995-06/1996	McLean Hospital Belmont, MA	Chief resident, geriatric and inpatient psychiatry Andrew Satlin, MD, Director
07/1996-06/1997	University of Washington School of Medicine Seattle, WA	Geriatric psychiatry fellowship, Richard Veith, MD, Director

APPOINTMENTS AND POSITIONS

07/1997-06/1998	Department of Psychiatry and Behavioral Sciences University of Washington School of Medicine Seattle, WA	Clinical Assistant Professor of Psychiatry
07/1998-06/2000	Department of Psychiatry Dartmouth Medical School Lebanon, NH	Assistant Professor of Psychiatry
07/2000-05/2009	Department of Psychiatry University of Pittsburgh School of Medicine/Western Psychiatric Institute and Clinic (WPIC) Pittsburgh, PA	Assistant Professor of Psychiatry
12/2001-2005	WPIC	Psychiatric Medical Director, Kane-Glen Hazel, Geriatric Structured Unit
04/2002 - Present	Computer Science Department Carnegie Mellon University Pittsburgh, PA	Adjunct Assistant Professor
11/2002 - 01/2003	WPIC	Director of Residency Education, Consultation-Liaison Service
06/2009 - 05/2010	Robert Young Center Moline, IL	Adult and geriatric psychiatrist
06/2010 - 06/2013	Gundersen Lutheran Clinic Department of Behavioral Health La Crosse, WI	Chair, Adult Psychiatry
06/2010 - 06/2013	University of Wisconsin School of Medicine and Public Health	Adjunct Assistant Clinical Professor

	Madison, WI	
07/2013 – 12/2014	Geisinger Medical Center Danville, PA	Adult and Geriatric Psychiatrist
01/2014 – 12/2014	Temple University School of Medicine	Adjunct Clinical Associate Professor of Psychiatry
01/2015 – 11/2019	Susquehanna Health Medical Group Williamsport, PA	Adult and Geriatric Psychiatrist
01/2015 – Present	Generations Geriatric Mental Health Elliot Hospital Manchester, NH	Geriatric Psychiatrist
03/2015 – 06/2020	Ashok J Bharucha MD PC	Owner, private practice
08/2021 – Present	Transformations: Adult and Geriatric Psychiatry, PC	Owner, private practice
01/2015 – 06/2015	Family Behavioral Resources Greensburg, PA	Adult and Geriatric Psychiatrist
09/2015 – 12/2016	Dickinson Center, Inc. Ridgway, PA	Adult Psychiatrist

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Psychiatric Association	1992 - present
American Association for Geriatric Psychiatry	1998 - present
American Geriatrics Society	1998 - present
The Gerontological Society of America	1998 - present
International Psychogeriatric Association	1998 - present
American Neuropsychiatric Association	1998 - present
American Medical Directors' Association	2002 - present

HONORS AND AWARDS

Cum Laude, Bucknell University	1988
Departmental Honors, German, Bucknell University	1988

Dean's List, Bucknell University	1986-1988
Outstanding Achievement in Advanced German, Middlebury College	1995
Fellow, American Psychoanalytic Association	1996-97
NIMH/AAGP Summer Research Institute	1999 and 2002
Chairman, Ethics Committee, Mental Health Center of Greater Manchester, Manchester, NH	1999
Golden Apple Teacher of the Year Award Nomination WPIC Class of 2001, 2002, 2003	2001, 2002, 2003
Golden Apple Teacher of the Year Award Winner WPIC Class of 2002	2002
Golden Apple Psychiatry Teacher of the Year Award Winner University of Pittsburgh School of Medicine Class of 2002	2002
Excellence in Education Award Small Group Facilitator Category University of Pittsburgh School of Medicine Class of 2007 and 2008	2004 (Winner), 2005
Outstanding Mentor (1 of only 2 medical school faculty nominated) University of Pittsburgh School of Medicine Class of 2008	2005
America's Top Physicians Consumers' Research Council of America	2007 - present
Visiting Professor , Division of Geriatric Medicine Weill College of Medicine Cornell University	October 17 – 19, 2007
Best Doctors in America	2009 – 2010

GRANTS

Greenwald Foundation:

Insights into Hastened Death
PI: Robert A. Pearlman, MD, MPH (University of Washington School of Medicine)

Role: psychiatric consultant
1997 - Present

Junior Faculty Scholars Program (MH 60473):

Implementing Improved Technology to Assess Disruptive Vocalization in Long-Term Care Settings.
5/1/2001-4/30/2003
Award: 25% salary support

National Science Foundation, #0121641:

ITR/IM: Capturing, Coordinating, and Remembering Human Experience
PI: Howard Wactlar, MS, Carnegie Mellon University, Pittsburgh, PA
Role: Co-PI and advisory board member
Award: \$2,700,000 (2001 -2005)

National Science Foundation, #0205219:

ITR/IM: CareMedia: Automated Video and Sensor Analysis for Geriatric Care
PI: Howard Wactlar, MS, Carnegie Mellon University, Pittsburgh, PA
Role: Co-PI
Award: \$2,130,000 (2002-2007)

National Institute on Aging, 1 K23 AG023026-01A1:

Nursing Home Aggression: Automated Video Monitoring
Role: PI
Award: \$675,000
Dates: 9/15/2004 – 7/31/2009

Alzheimer's Association under the Everyday Technologies for Alzheimer Care (ETAC) initiative:

Machine Video and Audio Understanding for Monitoring Dementia Behavior
Role: Co-Investigator
Dates: 10/1/2005 – 9/30/2007
Award: \$200,000

Seed Money Committee of the Advanced Centers in Interventions and Services Research for Late Life Mood Disorders (ACISR/LLMD), Western Psychiatric Institute and Clinic:

Nursing Home Placement: Course and Predictors of Psychological Adjustment (pilot grant)
Role: PI
Dates: 10/1/2007 – 9/30/2008

National Institutes of Health:

1 RC1 MH090021-01: Automated Methods to Support Detection of Late-Life Depression
Role: Co-PI
(one of only 200 projects funded out of 28,000 applications)

National Science Foundation:

III: Medium: Collaborative Research: Predicting Health Status from Video Observations
Role: Co-Investigator
Submitted for review: September 30, 2011

PUBLICATIONS

Refereed Articles:

1. Swan JS, Azadpur M, **Bharucha AJ**, Krafczyk MA. Separation of proteins in human milk. J Liq Chromatogr 1988;11:3385-3391.
2. **Bharucha AJ**, Satlin A. Late-life suicide: a review. Harv Rev Psychiatry 1997;5:55-65.
3. Pollock BG, Mulsant BH, Rosen J, Sweet RA, Mazumdar S, **Bharucha A**, Marin R, Jacob NJ, Huber KA, Kastango KB, Chew ML. Comparison of citalopram, perphenazine, and placebo for the acute treatment of psychosis and behavioral disturbances in hospitalized demented patients. Am J Psychiatry 2002;159:460-465.
4. Back AL, Starks H, Hsu C, Gordon JR, **Bharucha A**, Pearlman RA. Clinician-patient interactions about requests for physician-assisted suicide: a patient and family view. Arch Intern Med 2002;162:1257-1265.
5. **Bharucha AJ**, Rosen J, Mulsant B, Pollock B. Assessment of behavioral and psychological symptoms of dementia. CNS Spectr 2002;7:797-802.
6. Lenze EJ, Pollock BG, Shear MK, Mulsant BH, **Bharucha A**, Reynolds CF. Treatment considerations for anxiety in the elderly, CNS Spectr 2003;8(12, Suppl 3):6-13.
7. **Bharucha AJ**, Pearlman RA, Back AL, Gordon J, Starks H, Hsu C. The pursuit of physician-assisted suicide: role of psychiatric factors. J Palliat Med 2003;6:873-884.
8. Wactlar H, **Bharucha A**, Stevens S, Hauptmann A, Christel M. A system of video information capture, indexing and retrieval for interpreting human activity. Proc Int Sympos Image Signal Process Anal 2003;1:278-283.
9. Allin SJ, **Bharucha A**, Zimmerman J, Wilson D, Roberson MJ, Stevens S, Wactlar H, Atkeson CG. Toward the automatic assessment of behavioral disturbances of dementia. Proc Ubicomp 2003. Available at: http://www.healthcare.pervasive.dk/ubicomp2003/papers/Final_Papers/7.pdf. Accessed May 4, 2008.
10. **Bharucha AJ**, Pandav R, Shen C, Dodge HH, Ganguli M. Predictors of nursing facility admission: a 12-year epidemiological study in the USA. J Am Geriatr Soc 2004;52:434-439.
11. Gao J, Wactlar H, **Bharucha A**, Hauptmann A. Dining activity analysis using a hidden markov model. Int Conf Pattern Recogn 2004;2:915-918.
12. Whyte EM, Dew MA, Gildengers A, Lenze EJ, **Bharucha A**, Mulsant BH, Reynolds CF. Time

- course of response to antidepressants in late-life major depression: therapeutic implications. Drugs Aging 2004;1:531-554.
13. Starks H, Pearlman RA, Hsu C, Back AL, Gordon JR, **Bharucha AJ**. Why Now? Timing and Circumstances of Hastened Deaths. J Pain Symptom Manage 2005;30:215-226.
 14. Pearlman RA, Hsu C, Starks H, Back AL, Gordon JR, **Bharucha A**, Koenig BA, Battin MP. Motivations for Physician-assisted Suicide. J Gen Intern Med 2005;20:234-239.
 15. **Bharucha AJ**, Dew MA, Miller MD, Borson S, Reynolds CF. Psychotherapy in long-term care: A review. J Am Med Dir Assoc 2006;7(9):568-580.
 16. **Bharucha AJ**, Barnard D, London AJ, Wactlar H, Dew MA, Reynolds CF. Ethical considerations in the conduct of electronic surveillance research. J Law Med Ethics 2006;34(3):611-619..
 17. Stevens S, **Bharucha A**, Christel M, Hauptmann A, Wactlar H, Chen D. Automatic collection, analysis, access and archiving of psycho/social behavior by individuals and groups. Proc 3rd ACM Workshop on Capture, Archive, and Retrieval of Personal Experiences 2006. Available at: <http://www.informedia.cs.cmu.edu/documents/p27-stevens.pdf>. Accessed May 4, 2008.
 18. Starks H, Back AL, Koenig BA, Pearlman RA, Hsu C, Gordon JR, **Bharucha A**. Family member involvement in hastened death. Death Studies, 2007;31(2):105-130
 19. Mahoney DF, Purtilo RB, Webbe FM, Alwan M, **Bharucha AJ**, et al. In-home monitoring of persons with dementia: Ethical guidelines for technology research and development. Alzheimer's & Dementia 2007;3:217-226
 20. Chen D, **Bharucha AJ**, Wactlar H. Intelligent monitoring to improve safety of older persons. Conf Proc IEEE Eng Med Biol Soc 2007;1:3814-3817.
 21. D. Chen, A. **Bharucha A**, and Wactlar H. People Identification through ambient camera networks. Int Conf Multimedia and Ambient Intelligence 2007, in press.
 22. Seelman KD, Collins D, **Bharucha AJ**, Osborn J (**invited paper**). Giving meaning to quality of life through technology. Nursing Homes/Long-Term Care Management 2007;56(10):40-42.
 23. **Bharucha AJ**, Vasilescu M, Dew MA, Begley A, Stevens S, Degenholtz H, Wactlar H. Prevalence of behavioral symptoms: comparison of the Minimum Data Set assessments with research instruments. J Am Med Dir Assoc 2008;9:244-250.
 24. Rosen A, Lachs M, **Bharucha A**, Stevens S, Nebres F, Pillemer K. Resident-to-resident aggression in long-term care facilities: insights from focus groups of nursing home residents and staff. J Am Geriatr Soc 2008;56(8):1398-1408.
 25. **Bharucha AJ**, Anand V, Forlizzi J, Dew MA, Reynolds CF, Stevens S, Wactlar H. Intelligent assistive technology applications to dementia care: current capacities, limitations, and future challenges. Am J Geriatr Psychiatry 2009;17(2):88-104.

26. Chen D, Chen MY, **Bharucha A**, Gao C, Hauptmann A, Wactlar H. Recognition of aggressive human behavior using binary local motion descriptors. Conf Proc IEEE Eng Med Biol Soc 2008;1:5238-5241.
27. Chen D, Wactlar H, **Bharucha A**, Chen M-Y, Gao C, Hauptmann A. An AI approach to measuring resident-on-resident physical aggression in nursing homes. Conf Proc Assoc for Advancement of Artif Intell 2008.
28. Sifford KS, **Bharucha AJ**. The benefits and challenges of electronic surveillance in nursing home research. Res Gerontol Nurs, 2010;3(1):5-10.
29. Dorsten AM, Sifford KS, **Bharucha AJ**, Mecca LP, Wactlar H. Ethical perspectives on emerging assistive technologies: insights from focus groups with stakeholders in long term care facilities. J Emp Res Hum Res Ethics 2009;4(1):25-36.
30. Chen MY, Hauptmann A, **Bharucha A**, Wactlar H, Yang Y. Human activity analysis for geriatric care in nursing homes. Pacific-Rim Conference on Multimedia, Sydney, Australia, December 20 – 22, 2011. Nominated for **Best Paper Award**.
31. Yang Y, Hauptmann A, Chen MY, Cai Y, **Bharucha A**, Wactlar H. Learning to predict health status of geriatric patients from observational data. Computational Intelligence in Bioinformatics and Computer Biology, San Diego, CA, May 9 – 12, 2012.

Book Chapters:

1. **Bharucha AJ**. Suicide in the Elderly. In: Ellison J, ed. Treatment of Suicidal Patients in Managed Care. American Psychiatric Press, Inc., Washington, DC, 2001.
2. Rosen J, **Bharucha A**, Richards S. Geriatric Consultation-Liaison Psychiatry. In: Grossberg GT, Sadavoy J, Jarvik LF, Meyers BS, Eds. Comprehensive Review of Geriatric Psychiatry, Third Edition. American Psychiatric Press, Inc., Washington, DC, 2003.
3. **Bharucha AJ**. Late-life Suicide. In: Ellison JM, Verma S, Eds. Depression in Later Life. Marcel-Dekker, Inc., New York, NY, 2003.
4. Pollock BG, Mulsant BH, Rosen J, Sweet RA, Mazumdar S, **Bharucha A**, Marin R, Jacob NJ, Huber KA, Kastango KB, Chew ML. Comparison of citalopram, perphenazine, and placebo for the acute treatment of psychosis and behavioral disturbances in hospitalized, demented patients. In: Vellas B, Fitten LJ, Feldman H, Giacobini E, Grundman M, Winblad B, eds. Research and Practice in Alzheimer's Disease, Volume 7, Serdi Publishers, Paris, 2003.
5. **Bharucha AJ**, Pollock BG. Agitation and Psychosis Associated with Dementia. In: Agronin ME, Maletta G, eds. Principles and Practice of Geriatric Psychiatry. Lippincott Williams & Wilkins, Philadelphia, PA, 2005.
6. **Bharucha AJ**, Borson S. Mood Disorders. In: Reichmann W, ed. Textbook of Long Term Care Psychiatry. Oxford University Press, New York, NY, 2009.
7. **Bharucha AJ**. Late-life Suicide. In: Ellison JM, Kyomen H, Verma S, eds. Mood Disorders in Later Life. Informa Healthcare, New York, NY, 2009.

8. Agronin ME, Scheinthal SM, **Bharucha AJ**. Psychiatric Services in Long Term Care. In: Abou-Saleh, MT, Katona CLE, Kumar A, eds. Principles and Practice of Geriatric Psychiatry. Wiley, Hoboken, NJ, 2011.
9. **Bharucha AJ**, Pollock BG. Agitation and Psychosis Associated with Dementia. In: Agronin ME, Maletta G, eds. Principles and Practice of Geriatric Psychiatry, 2nd Edition. Wolter Kluwer Health (Lippincott Williams & Wilkins), Riverwoods, IL, 2011.
10. Chen M-Y, Hauptmann A, **Bharucha A**, Wactlar H, Yang Y. Human Activity Analysis for Geriatric Care in Nursing Homes. The Era of Interactive Media. Springer, New York, 2013.

Letters to the editor:

Bharucha AJ, Dew MA. The authors' reply to the letter: Is aggression common in dementia? J Am Med Dir Assoc 2008;9:532-355.

Abstracts:

1. Bhavanandan VP, Devaraj H, **Bharucha AJ**. The Purification and Characterization Of Endo-alpha-N-Acetylgalactosaminidase from H. pylori. American Society for Biochemistry and Molecular Biology, New Orleans, LA, June 1990.
2. Pearlman R, Gordon J, Back A, Starks H, Hsu C, **Bharucha A**. Reasons for Considering Physician-Assisted Suicide: Family Reflections. Gerontological Society of America Annual Meeting, Philadelphia, PA, November 20-24, 1998.
3. Pearlman RA, Back AL, Starks H, Hsu C, Gordon J, **Bharucha A**. Experiences of People Who Pursue Physician-Assisted Suicide. Robert Wood Johnson Clinical Scholars, Florida, November 2000.
4. Back AL, Starks HE, Gordon JG, Hsu C, **Bharucha A**, Pearlman RA. Family Involvement in Physician-Assisted Suicide. American Academy for Hospice and Palliative Medicine, June 2000.
5. Pearlman RA, Starks H, Gordon J, Hsu C, **Bharucha A**, Back AL. Confidentiality Issues in Research on Physician-Assisted Suicide. Department of Medicine, University of Washington, Seattle, WA.
6. Starks H, Back A, Gordon J, Hsu C, **Bharucha A**, Pearlman R. Clinician Responses to Requests for Physician-Assisted Suicide: What to Do and What Not to Do." American Academy of Forensic Sciences, Seattle, WA, February 2001.
7. Back A, Starks H, Gordon J, Hsu C, **Bharucha A**, Pearlman R. Clinician-Patient Interactions About Physician-Assisted Suicide. VA Health Services Research and Development Annual Meeting, Washington, DC, February 2001.
8. Noordsy D, O'Keefe C, Mueser K, Xie H, Forester B, **Bharucha A**. Six-Month Outcomes for Patients Switched to Olanzapine in Community Psychiatric Care. Poster No. 99, NCDEU 40th Annual Meeting, Boca Raton, FL, 2000.

9. **Bharucha A**, Allin S, Stevens S. CareMedia: Towards Automated Behavioral Analysis in the Nursing Home Setting. International Psychogeriatric Association, Chicago, IL, August 18, 2003.
10. Starks H, Pearlman RA, Hsu C, Back AL, Gordon JR, **Bharucha A**. Why Now? Timing and Circumstances of Hastened Deaths. 2005 Annual Assembly of the American Association of Hospice and Palliative Medicine/Hospice and Palliative Nurses Association, New Orleans, LA. January 19-23, 2005.
11. Stevens S, **Bharucha A**, Christel M, Wactlar H, Atkeson C, Chen D, Hauptmann A, Yang J. Continuous Audiovisual capture of Behavior in a Dementia Unit: Recruitment and Ethical Issues in Biopsychosocial Research. 2005 Annual Meeting of the Gerontological Society of America, New Orleans, LA. November 18-22, 2005.
12. **Bharucha AJ**, Chen D, Wactlar H, Stevens S, Atkeson C, Dew MA, Pollock BG. CareMedia: Automated Video and Sensor Analysis for Geriatric Care. WPIC Research Day, Pittsburgh, PA, June 13, 2005.
13. Starks H, Hsu C, Gordon J, **Bharucha A**, Pearlman RA. Dying secrets: examining the impact of illegal physician aid-in-dying. 2009 Annual Meeting of the American Academy of Hospice and Palliative Medicine and Hospice and Palliative Nursing Association (AAHPM/HPNA), Austin TX, March 25 – 28, 2009.

Other Publications:

Bharucha AJ. The Poetic Uses of India in Hermann Hesse's Conception of Death. Undergraduate Honors Thesis, written entirely in German, Bucknell University, 1988.

PRESENTATIONS

1. "Boundaries and the Ethics of Psychotherapy," Clinical Case Conference, McLean Hospital, Belmont, MA, February 8, 1994.
2. "Suicide in the Elderly," Psychosomatic Conference, Massachusetts General Hospital, Cambridge, MA, April 21, 1995.
3. "Recognition and Management of Late-Life Depression: Specific Applications to the Indo-American Community," Indo-American Community Center, Palo Alto, CA, July 12, 1996.
4. "Suicide in the Elderly: An Update," Providing Effective Managed Care for the Suicidal Patient, American Suicide Foundation, Cambridge, MA, October 18, 1996.
5. "Suicide in the Elderly: An Update," Harborview Medical Center, Geriatric Medicine Grand Rounds, University of Washington School of Medicine, Seattle, WA, November, 1996.
6. "Take Care: Who Cares for the Caregiver?" Ninth Annual Caregiver Conference, Puget Sound Health Care System, Seattle, WA, October 31, 1997.

7. "Suicide in the Elderly: An Update," Grand Rounds, Dartmouth Hitchcock Medical Center/Mental Health Center of Greater Manchester, Manchester, NH, September 23, 1999.
8. "Assessment of Psychiatric Symptoms and Signs," presentation to long-term care facilities of the Greater Manchester, NH area on multiple occasions, 1998-2000.
9. "The Ethical Decision-Making Process in Mental Health Care." Grand Rounds, Dartmouth Hitchcock Medical Center/Mental Health Center of Greater Manchester, Manchester, NH, May 18, 2000.
10. "Psychiatric Perspectives on Some Aspects of Care at the End of Life." American Association for Geriatric Psychiatry Annual Meeting Panel, 2/25/01. Panel Members: J. Pierre Loebel, MD (Chair), Mark D. Sullivan, MD, PhD, Robert A. Pearlman, MD, MPH, David Greenspan, MD and Ashok Bharucha, MD.
11. "Management of Behavioral and Psychological Symptoms of Dementia in the Long-Term Care Setting." Medicine Grand Rounds, Heritage Valley Health System, Beaver, PA, Beaver, PA, September 28, 2001.
12. "Management of Behavioral Disturbances of Dementia," with Jules Rosen, MD, Workshop Co-Leader, Late-Life Depression and Dementia: Is it Time for Prevention?, University of Pittsburgh, October 19, 2001.
13. "Late-life Suicide." Psychiatry Grand Rounds, St. Francis Medical Center, Pittsburgh, PA, January 31, 2002.
14. "CareMedia: Towards Automated Behavioral Analysis in the Nursing Home Setting." International Psychogeriatric Association Symposium: New Technology and New Possibilities S021-001 CareMedia. Chicago, IL, August 18, 2003.
15. "Behavioral and Psychological Symptoms of Dementia." Psychiatry Grand Rounds, Aspinwall Veterans Administration Hospital, Aspinwall, PA, March 17, 2004.
16. "Late-Life Depression and Medical Comorbidity." Medicine Grand Rounds, Butler Veterans Administration Hospital, Butler, PA, April 27, 2004.
17. "Delirium in the Elderly: From C-L to Long-Term Care," with Jules Rosen, MD, Lalith Solai, MD, Ellen Whyte. Psychiatry Clinical Grand Rounds, Western Psychiatric Institute and Clinic, Pittsburgh, PA, May 7, 2004.
18. "Late-Life Suicide." Psychiatry Grand Rounds, Allegheny General Hospital, Pittsburgh, PA, May 13, 2004.
19. "Geriatric Depression: Assessment and Management." Medicine Grand Rounds, West Penn Hospital, Pittsburgh, PA, March 31, 2005.
20. "Assessment and Management of Late-Life Depression." Invited Presentation for the Indian Association of Western Washington, Seattle, WA, June 11, 2005.
21. "Continuous Audiovisual Capture in a Dementia Unit: Recruitment and Ethical Challenges.

- 58th Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL, November 20, 2005.
22. "CareMedia: Automated Video and Sensor Analysis for Geriatric Care," under the panel, Innovations in Geriatric Care (Mark Miller, MD, Patricia Arean, PhD), Annual Meeting of the American Association for Geriatric Psychiatry, San Juan, Puerto Rico, March 10-13, 2006.
 23. "Automatic Collection, Analysis, Access, and Archiving of Psycho/Social Behavior by Individuals and Groups," presented by Alexander Hauptmann for the CareMedia Investigators, 3rd ACM Workshop on Capture, Archive, and Retrieval of Personal Experiences, Santa Barbara, CA, October 27, 2006.
 24. "Depression in Long-Term Care Settings," Grand Rounds presented at the Northern Maine Medical Center, Fort Kent, ME, October 13, 2006.
 25. "Clinical Epidemiology of Aggression in Nursing Home Settings," GRECC Grand Rounds at the Pittsburgh VAMC, Pittsburgh, PA, September 7, 2007.
 26. "An Introduction to CareMedia," Interagency Workgroup on Elder Abuse (consisting of members from the NIA, NIJ, AoA, CDC, long-term care Ombudsman), Administration on Aging, Washington, DC, September 20, 2007.
 27. "Clinical Epidemiology of Aggression in Nursing Home Settings," Informedia Seminars, Carnegie Mellon University, Pittsburgh, PA, September 24, 2007.
 28. "CareMedia: Aggression in Nursing Home Settings," Quality of Life Technology Engineering Research Center Scientific Advisory Board Meeting, Carnegie Mellon University, Pittsburgh, PA, October 11, 2007.
 29. "Clinical Epidemiology of Behavioral Disturbances in Nursing Home Settings," Geriatric Medicine Grand Rounds, Weill College of Medicine, Cornell University, New York City, October 18, 2007
 30. "Clinical Epidemiology of Physically Aggressive Behaviors in Nursing Home Settings," Alzheimer's Disease Research Center, University of Pittsburgh School of Medicine, Pittsburgh, PA, October 16, 2008.
 31. "Resident-on-Resident Aggression in Nursing Homes," Annual Meeting of the Gerontological Society of America, National Harbor, MD, November 22, 2008. A panel with Mark Lachs, MD, Tony Rosen, MPH, Jeanne Teresi, PhD, and Karl Pillemer, PhD with Lou Burgio, PhD as moderator.
 32. "Clinical Epidemiology of Aggression in Nursing Homes," University of Iowa Department of Psychiatry Research Seminar, Iowa City, Iowa, April 5, 2010.
 33. "Benefits and Challenges of Electronic Surveillance in Nursing Home Research. Invited presentation with K. Susan Sifford, PhD (unable to attend), International Transcultural Psychiatry Conference, Ranchi Institute of Neuro-psychiatry and Allied Sciences (RINPAS), Ranchi (Jharkhand), India, September 24 – 25, 2011.

34. "Benefits and Challenges of Electronic Surveillance in Nursing Home Research. Invited presentation with K. Susan Sifford, PhD (unable to attend), The 3rd Chongqing International Clinical Neuroscience Forum and NeuroDrug Conference, Chongqing, China, October 21-23, 2011.
35. "Assessing the Older Adult in Crisis," Crisis Intervention Team Training, La Crosse Police Department, La Crosse, WI, May 11, 2012.
36. "Understanding Mood Changes with Parkinson's Disease," 2nd Annual Parkinson's Symposium, La Crosse, WI, August 18, 2012.

PROFESSIONAL ACTIVITIES

TEACHING

PhD Dissertation Committee Member	K. Susan Sifford, MSN, CNS, APRN-BC Assistant Professor of Nursing, Arkansas State University
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Courses:

1. Course Name: Harvard Medical School Psychiatry Clerkship
Description: Clinical rotation
Year: 1993-1996
To Whom: 3rd and 4th year medical students
No. of Students: 12/year
Where: Harvard Medical School
2. Course Name: Great Concepts Seminar Series
Description: Organizer and co-leader, psychodynamic psychiatry
Year: 1993-1996
No. of Times: Monthly
To Whom: PGY II-IV psychiatry residents
No. of Students: Up to 40
Where: Harvard Medical School
3. Course Name: Medical Student Psychiatry Clerkship
Description: Director, 3rd year clinical clerkship
Year: 1997-1998
To Whom: 3rd year medical students
No. of Students: 4/month
Where: Univ. of Washington School of Medicine, Seattle, WA
4. Course Name: Post-graduate psychiatry clerkship
Description: clinical clerkship for PGY II residents, neuropsychology fellows and psychology interns
Year: 1997-1998
To Whom: As above
No. of Students: 6/month
Where: University of WA School of Medicine, Seattle, WA

5. Course Name: Geriatric psychiatry fellowship
Description: Clinical supervision
Year: 1997-1998
To Whom: Geriatric psychiatry fellows
No. of Students: 4/year
Where: University of WA School of Medicine, Seattle, WA
6. Course Name: Geriatric psychiatry fellowship
Description: Clinical supervision
Year: 1998-2000
To Whom: Geriatric psychiatry fellows
No. of Students: 2/year
Where: Dartmouth Medical School, Lebanon, NH
7. Course Name: Didactics Series for Geropsychiatry Fellows
Description: One-hour lecture on neurodegenerative conditions
Year: 1998-2000
To Whom: Geriatric psychiatry fellows
No. of Students: 2/year
Where: Dartmouth Medical School, Lebanon, NH
8. Course Name: Psychodynamic Psychiatry
Description: Individual psychotherapy supervision
Year: 2000 – present
To Whom: PGY III-IV psychiatry residents
No. of Students: 5/year
Where: WPIC, Pittsburgh, PA
9. Course Name: Psychopathology and Society
Description: Preceptor, problem-based learning module
Year: 2000 – present
To Whom: 2nd year medical students
No. of Students: 10/year
Where: Univ. of Pittsburgh School of Medicine, Pittsburgh, PA
10. Course Name: T-group; psychodynamic group process
Description: As above
Year: 2000 – 2002
To Whom: Psychiatry residents
No. of Students: 10
Where: WPIC, Pittsburgh, PA
11. Course Name: Big Picture Rounds
Description: Director, psychodynamic psychiatry/interviewing skills
Year: 2002 – 2003
To Whom: PGY II-IV residents
No. of Students: 15
Where: WPIC, Pittsburgh, PA
12. Course Name: Consultation-liaison psychiatry

- Description: **Director of Residency Education** on the clinical service
Year: 2002 – 2003
To Whom: PGY II residents
No. of Students: 14/year
Where: WPIC, Pittsburgh, PA
13. Course Name: Introduction to Medical Decision Making
Description: Introduction to research skills and scholarly activity
Year: 2003 – present
To Whom: 1st year medical students
No. of Students: 8-10 per group
Where: University of Pittsburgh School of Medicine
14. Course Name: Medicine, Ethics, and Society (segment 3)
Description: Introduction to medical ethics, economics and health policy
Year: 2003 – present
To Whom: 1st year medical students
No. of Students: 18
Where: University of Pittsburgh School of Medicine
15. Course Name: Medicine, Ethics, and Society (segment 1)
Description: Ethics and Law
Year: 2004 – present
To Whom: 1st year medical students
No. of Students: 18
Where: University of Pittsburgh School of Medicine
16. Course Name: Core MS3 Psychiatry Clerkship Lecture
Description: Neurodegenerative disorders
Year: 2003 – present
To Whom: 3rd year medical students
No. of Students: 25
Where: Western Psychiatric Institute and Clinic
17. Course Name: Geriatric Psychiatry Fellowship
Description: Nursing home segment training
Year: 2000 – 2005
To Whom: Geriatric psychiatry fellows
No. of Students: 1
Where: Western Psychiatric Institute and Clinic affiliated nursing homes
18. Course Name: Palliative Medicine Fellowship
Description: Lecture (Non-Pain Symptoms: Depression, Delirium, Anxiety, Restlessness and Insomnia)
Year: 2004 – present
To Whom: Palliative Medicine Fellows and Attendings
No. of Students: 6
Where: UPMC Montefiore Hospital
19. Course Name: Introduction to Medical Interviewing
Description: PBL module for 1st year medical students

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|-----|------------------|---------------------------------------------------------------------------------------------------------|
| | Year: | 2004 – present |
| | To Whom: | 1 st year medical students |
| | No. of Students: | 9 |
| | Where: | University of Pittsburgh School of Medicine |
| 20. | Course Name: | Advanced Medical Interviewing |
| | Description: | PBL module for 2 nd year medical students |
| | Year: | 2007 – present |
| | To Whom: | 2 nd year medical students |
| | No. of Students: | 10 |
| | Where: | University of Pittsburgh School of Medicine |
| 21. | Course Name: | Integrated Case Studies |
| | Description: | Clinical case reviews by 2 nd year medical students |
| | Year: | 2004 – present |
| | To Whom: | 2 nd year medical students |
| | No. of Students: | 25 |
| | Where: | University of Pittsburgh School of Medicine |
| 22. | Course Name: | Psychiatric Interviewing (Course Director) |
| | Description: | Psychodynamic interviewing for PGY 1 and 2 residents
ABPN oral board style for PGY 3 and 4 residents |
| | Year: | 2004-2005 |
| | To Whom: | As above |
| | No. of Students: | 30 |
| | Where: | WPIC |

SERVICE

Founder and President, Pakistan-India Association Bucknell University, Lewisburg, PA	1985-1987
Secretary, Bucknell International Organization	1986-1987
Secretary, American Chemical Society, Bucknell University, Lewisburg, PA	1986-1988
Residency Education Committee, McLean Hospital, Belmont, MA	1993-1994
Admissions, Evaluation and Triage Committee, McLean Hospital, Belmont, MA	1993-1994
Curriculum Committee, McLean Hospital, Belmont, MA	1993-1994
Treasurer, McLean Hospital Residents' Association, Belmont, MA	1994-1995
Co-organizer and consultant, Senior Board	1997

Of the Indian Association of Western Washington,
Seattle, WA

Member, Education Committee of NAMI, NH Chapter	1999-2000
Examiner, American Board of Psychiatry and Neurology, Inc. (oral psychiatry boards)	2000 - 2005
Interviewer for prospective medical students, University of Pittsburgh School of Medicine	2006 - 2009
Member, Working Group on Technology, National Alzheimer's Association	2005 - 2009
Institutional Review Board, Member Carnegie Mellon University	2008 - 2009
Data Safety and Monitoring Board Family Caregiver Transition Support (FaCTS) Research Study PI: Richard Schulz, PhD University of Pittsburgh	2008 – 2012
Ethics Committee Gundersen Lutheran Medical Center	2011 – 2013
Deep Brain Stimulation Committee Neurosciences Center Gundersen Lutheran Medical Center	2012 -- 2013

Ad Hoc Journal Reviewer:

American Journal of Geriatric Psychiatry
International Journal of Geriatric Psychiatry
Journal of the American Geriatrics Society
Journal of Geriatric Psychiatry and Neurology
International Psychogeriatrics
Journal of Neuroengineering and Rehabilitation
Medical Care
Archives of Internal Medicine
Obesity Research
Journal of the American Medical Directors Association
BMC Geriatrics

EMPLOYMENT

Research Assistant, Bucknell University, Department of Chemistry, and Project: The Purification and Characterization of Bile Salt-Stimulated Lipase, Supervisor: James Swan, Ph.D., Assistant Professor of Chemistry, 6/86-5/88

Teaching Assistant, Bucknell University, Department of Modern Languages (German Program), Supervisor: George F. Folkers, Ph.D., Chairman and Professor of the German Program, 6/1986-8/1987.

Research Assistant, Bayer A.G., Leverkusen, Germany, June-August, 6/1987-8/87

Research Assistant, Penn State College of Medicine, Department of Biochemistry, Project: Detection and Quantification of Epitectin, a Malignancy-Associated Mucin in the Sera of Cancer Patients, Supervisor: V. P. Bhavanandan, Ph.D., 6/1988-8/88

LANGUAGES

English
German
Hindi
Gujarati