

ALEKHA K. DASH, R.Ph., Ph.D.
CURRICULUM VITAE

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Name: Alekha K. Dash, R.P., Ph.D.

Business Address:

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13518 Sahler Street
Omaha, NE 68164
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Personal Data:

Citizenship:	US Citizen
Date of Birth:	August 1st, 1954
Marital Status:	Married, two children

Schools Attended:

1. University of Minnesota, USA (September 1984–December 1990).
2. Jadavpur University, Calcutta, India (July 1977- August 1984).

Degrees Earned:

1. Doctor of Philosophy (Ph.D.) in Pharmaceutics - December 1990, University of Minnesota, USA.
2. Master of Pharmacy (M.Pharm.) in Pharmaceutics (First class First) - May, 1983, Jadavpur University, India.
3. Bachelor of Pharmacy (B.Pharm.) (First class First with Hons.) - June 1981, Jadavpur University, India.

Professional License:

Registered Pharmacist, State of Nebraska, **License #: 12239** (December 28, 2004).

Patents/Trademarks:

Granted/Filled:

1. Abuse-Deterrent Solid Dosage forms using Polyethylene Oxide and PVP/VA Copolymer: Pankaj Rajdeo and Alekha K. Dash, Provisional Patent Filled on March 21, 2023 (63453510).
2. Liposomal Compositions with Light Illumination Induced Drug Release, Inventors: Igor Meerovich, Alekha K. Dash, Michael Nichols and David Smith, filled February 20, 2018. **US Patent 11,154,619** issued on October 26, 2021.
3. Diffusion Cells and Related Methods, Inventors: Daniel Munt and Alekha Dash. **US Patent 10,613,011**, filled on 3/14/2016, Issued on 4/7/2020.
4. US Trademark registration (**Reg. No. 3,687,057**) on NANOMETM. Registered on September 22, 2009.
5. Mucoadhesive Nanoparticles for Cancer Treatment, Inventors: Alekha Dash and William Trickler, filled on October 26, 2006, Issued **US Patent 8,242,165 B2** on August 14, 2012.
6. Hydroxyapatite Based Drug Delivery Implant for Cancer Treatment; Inventors, Francois Y. Genin, Ping Lou and Alekha K Dash, filled on June 30, 2000, **US Patent 6,767,550 B1** issued on July 27, 2004.

Filled not Granted:

1. Foam-Film System with Antibacterial Properties and Methods for Reducing Bacterial Contamination in Animal Carcasses, Filed on November 15, 2003. International Application #: PCT/US04/038094.

Special Training Program:

1. Academic Chair Coaching, Coaches: Alan T Seagren and Daniel W. Wheeler, University of Nebraska at Lincoln, January 2012- May 2013.
2. Academic Leadership Fellows Program, American Association of Colleges of Pharmacy, July 2008-June 2009.
3. Special workshop on Applications of Nanonobiology to Biodefense, Rockville, MD, November 7-18, 2005.
2. eFellows, Creighton University, August 2005-May 2006.
3. Certificate course on Foundations of Effective Supervision, Creighton University, September 15- December 7, 2004.
4. Workshop on Sexual Harassment, Creighton University, March 9, 1994.
5. Classroom Communication Skills for Teaching Assistants, University of Minnesota, September 24, 1984-December 7, 1984.

Professional Employment:

2021-Present Co-Director, Drug Delivery and Discovery Core, Creighton University COBRE Grant P20 GM139762-01(12/01/2020-

	11/30/2025).
2015-present	Associate Dean for Research, School of Pharmacy and Health Professions, Creighton University, Omaha, Nebraska.
2014-2015	Interim Associate Dean for Research, School of Pharmacy and Health Professions, Creighton University, Omaha, Nebraska.
2008-present	Gilbert F. Taffe, Jr. Endowed Chair School of Pharmacy and Health Professions.
2007-2023	Chair, Department of Pharmacy Sciences, Creighton University, Omaha, Nebraska.
2004-2007	Interim Chair, Department of Pharmacy Sciences, Creighton University, Omaha, Nebraska.
2003-present	Professor, Department of Pharmacy Sciences, Creighton University, Omaha, Nebraska.
1995-2003	Associate Professor with Tenure, Department of Pharmacy Sciences, Creighton University, Omaha, Nebraska.
1990-1995	Assistant Professor, Department of Pharmaceutical and Administrative Sciences, Creighton University, Omaha, Nebraska.
1994-present	Adjunct Professor, Department of Pharmaceutical Sciences, University of Nebraska Medical Center, Omaha, Nebraska.
1984-1990	Teaching Assistant, Department of Pharmaceutics, University of Minnesota.
1984-1990	Research Assistant, Department of Pharmaceutics, University of Minnesota.
1984-1990	Pharmacy Technician, University of Minnesota Hospital and Clinic.
1982-1983	Consultant, Pharmaceutical Division, Prasen Center, Calcutta, India.
1981-1982	Manufacturing Supervisor, DUSAP Pharmaceuticals, Calcutta, India.

Consultantship and Professional Services:

1. Consultant

USAID Consultant to Armenia, August 2013-Dec 2013

Department of Pharmaceutics, Faculty of Pharmacy, Kuwait

University, May 19-27, 2012, Kuwait City, Kuwait

Healthway Pharmacy Technology, MD (2008-2010)

Palm Pharmaceuticals, Fremont, CA (2004-2006)

Char/Hansen Ingredients, Mahwah, NJ (1999-2004)

Rhodia, Inc, Cranbury, NJ (1999-2003)

Fortress Systems International, Omaha, NE (1998-2003)

Berkeley Advanced Biomaterials, San Leandro, CA (1998-2000)

ConAgra, Inc, Omaha, NE (1996-2007)

Gattefosse, Inc., France (1996-2003)

Eastern Nebraska Forensic Lab (1995-1998)

Technical Consultant and Expert Services for Various Law Firms on
Patent & Pharmaceutical Litigation Cases (1995-present).

Agouron Pharmaceutical Inc., San Diego, CA (1993-1998)

2. Member, AAPS SPOD Committee, APQ Section representative (2015-2017).
3. Member of the Editorial Board, *International Journal of Pharmacology and Toxicology* (2013-Present).
4. Member of the Editorial Board, *OA Drug Design & Delivery* (2013-Present).
5. Reviewer for City University of Hong Kong Strategic Research Grant, 2012; February 27, 2012.
6. Member of the Editorial Board, *Journal of Drug Delivery* (2010-2017).
7. Member of the Editorial Board, *Current Protein and Peptide Science* (2009-Present).
8. Reviewer for NIH Study Section: National Cancer Institute Special Emphasis Panel: Innovative Methods: Manufacturing Cancer Therapeutics (ZCA1 SRRB-D (C1) February 26, 2009).
9. Member of On-site Evaluation Team for Accreditation Council for Pharmacy Education (2007-present).
10. Member, International Advisory Committee on Nanomedicine-2007 Conference, BBSR, Orissa, India, February 23-25, 2007.
11. Chair, AAPS (APQ section) Awards Committee (2006-2010).
12. Member, AAPS Preformulation Focus Group Steering Committee (2005-present).
13. Chair, AAPS Preformulation Focus Group (2004-2005).

14. AAPS, Pharmaceutical Technology, Planning Committee (2004-2006).
15. Member of the Editorial Board, *Current Pharmaceutical Analysis* (2004-Present).
16. Chair and Organizer of the New Drug Delivery Systems Section of the 1995, 1996 and 1997 Cells and Materials Meeting.
17. Member of the Editorial Board, *Analytical Profiles of Drug Substances and Excipients* (1995).
18. External Reviewer and Ph.D. Thesis examiner for Jadavpur University, Calcutta, India.
19. External Reviewer and Ph.D. Thesis examiner for Birla Institute of Technology, Mesra, Ranchi, India.
20. Chair and Organizer of the Drug Delivery Systems Section of the 1996 Fine Particle Society Meeting.
21. External Reviewer and Ph.D. Thesis examiner for Guru Nanak Dev University, Amritsar, India.
22. External Reviewer and MS Thesis examiner for Kuwait University, Kuwait University, Kuwait.
23. Grant Reviewer for Great Plains IDeA-CTR Pilot Program, University of Nebraska Medical Center, Omaha, November 2021.

Professional Organizations:

1. Member, University of Minnesota Presidents Club (2017).
2. Member, Nebraska Pharmacist's Association (2004).
3. Member, International Association of Dental Research (2004).
4. Member, The New York Academy of Sciences (1995).
5. Member, American Association for the Advancement of Science (1994).
6. Member, American Association of Colleges of Pharmacy (1990).
7. Member, American Association of Pharmaceutical Scientists (1991).

Fellowships and Honors:

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| 2021 | Appointed as the Lead Guest Co-Editor for the Raj Suryanarayanan Dedicated Issue of the <i>Journal of Pharmaceutical Sciences</i> |
| 2020 | Nominated for the inaugural Dean's Award for Graduate Faculty Excellence. |

2019	President of the Association of Pharmacy Professionals (APP) American International Branch.
2013	Visiting Professor, MISR International University, Cairo, Egypt.
2012	Fellow, American Association of Pharmaceutical Scientists (AAPS).
2008-2009	Academic Leadership Fellow , American Association of Colleges of Pharmacy.
2008-present	Holder of Gilbert F. Taffe, Jr. Endowed Chair School of Pharmacy and Health Professions.
2005-2006	Appointed as an eFellow for Academic Development and Technology Center, Creighton University.
2002-present	Fellow, University of Nebraska Graduate Faculty.
2000	2000 Outstanding Scientists of the 21 st Century, International Biographical Center, Cambridge, England.
2000	Man of the Year, Nominated by the American Autobiographical Institute.
1997	Visiting Professor, University of Technology, Jamaica, West Indies.
1995	Who's Who in the World, in America, and in Science and Engineering.
1995, 2000, 2005	Who's Who Among Americas Teachers.
1994-present	Adjunct Professor, Department of Pharmaceutical Sciences, University of Nebraska Medical Center, Omaha, Nebraska.
1994-present	Member of the Creighton Graduate Faculty.
1994-present	Member of Phi Beta Delta Honor Society for International Scholars.
1993, 1999, 2001	Recipient of the Pharmaceutical Research and Manufacturers Association Undergraduate Research Fellowship in Pharmaceutics.
1993	Recipient of PMA (Pharmaceutical Manufacturers Association, USA) Visiting Professor for 1993 Award: Sponsored by Berlex Laboratories, Wayne, NJ (August 1-8).
1987-1990	International Students Work Opportunity Program Fellowship (ISWOP), University of Minnesota.
1986-present	Member of Rho Chi Honor Society.
1985-1988	Samuel Melendy Fellowship, University of Minnesota.

Awards:

2019	Academic excellence Award-2019 by Association of Pharmacy Professionals (APP), India during the APP 7th INDO-US conference, PTBS, Jaipur, Rajasthan, India.
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2012	Nominated for the University Research Award, Creighton University.
2007	Nominated for the Robert F. Kennedy Memorial Award for Teaching Achievement, Creighton University.
2007	Nominated for the Teachers of Tomorrow Award, Omicron Delta Kapa, Creighton University.
2006	Special Citation for Exceptional Volunteer Service Award, American Red Cross-Heartland Chapter 2005-2006.
2005	Nominated for the Robert F. Kennedy Memorial Award for Teaching Achievement, Creighton University.
2004	Nominated for the Robert F. Kennedy Memorial Award for Teaching Achievement, Creighton University.
2000	Nominated for the AAPS Outstanding Educator Award.
1997-98	Scholarly Achievement Award, Department of Pharmaceutical & Administrative Sciences, Creighton University.
1997-98	Certificate of Recognition for Excellence in Teaching, Department of Pharmaceutical & Administrative Sciences, Creighton University.
1996-97	Excellence in Teaching Award, Creighton University, School of Pharmacy and Allied Health Professions.
1996-97	Scholarly Achievement Award, Department of Pharmaceutical & Administrative Sciences, Creighton University.
1996-97	Certificate of Recognition for Excellence in Teaching, Department of Pharmaceutical & Administrative Sciences, Creighton University.
1996	Member Phi Lambda Sigma National Pharmacy Leadership Society.
1994 and 1995	Recipient of the Presidential Travel Scholarship from the Scanning Electron Microscopy International, Chicago, IL.
1993	Recipient of the John C. Kenefick Faculty Development Award, Creighton University.
1993	Outstanding Teacher of the Year: Nominated by the First Year Pharmacy Class (1992-1993).
1991	Recipient of the John C. Kenefick Faculty Development Award, Creighton University.
1983	The following Awards for securing the First Rank in the M.Pharm. program: University Medal and A. Sengupta Memorial Award.
1981	The following awards for securing the First Rank in the B.Pharm. program: IDMA G. P. Nair Gold Medal, University Medal and P. Das Memorial Award.

Grants and Contracts:

(A) Funded:

1. Dash A.K (PI), Wilson, A. (Co-PI). LB 692, Nebraska Tobacco Settlement Biomedical Research Development Fund, matching instrument grant for a Rigaku SmartLab X-ray Diffractometer for Creighton University, September 11, 2023, **\$235,000.**
2. Dash A.K (PI), Wilson, A. (Co-PI). Robert B. Daugherty Foundation Grant Request to develop Ph.D. program in pharmaceutical sciences and acquire a Rigaku SmartLab X-ray Diffractometer for the Creighton's School of Pharmacy and Health Professions, August 20, 2023, **\$720,000.**
3. Dash, A.K., LB 692, Nebraska Tobacco Settlement Biomedical Research Development Fund, Instrument grant for Siemens Healthineers Ultrasound Machine and Parr Instrument Solution Calorimeter, June 2021, **\$66,000.**
4. Dash, A.K., LB 692, Nebraska Tobacco Settlement Biomedical Research Development fund, Instrument grant for a Shimadzu IR Spirit FTIR, June 2021, **\$21,300.**
5. Dash, A.K. Co-director of Drug Discovery & Development Core, National Institutes of Health, P20 GM139762-01, 03/05/2021–01/31/2026, Translational Hearing Center (PI: Peter Steyger). **\$10.8 million/Over Five Years.**
6. Dash, A.K. Co-I and E J North (PI), Discovery of Novel Nontuberculous Inhibitors, NIH-R15, 07/01/2021-06/30/2024, **\$363,650.**
7. Dash, A.K., GPC Analysis of Some Phenolic Extracts, Phenolics LLC, Omaha, NE, January 2021-December 2021, **\$11,144.**
8. Dash A.K. (Co-PI) and Dravid, S. (PI), A high throughput multi-user Biacore surface plasmon resonance system for studying biomolecular and biochemical interactions. Total cost **\$403,333** (EPSCoR: \$200,000 + Matching LB692: \$203,333). April 2019.
9. Dash, A.K., Analysis of Phenolic Extracts and their Oral Permeability, Phenolics LLC, Omaha, NE, May 2019-April 2020, **\$20,500.**
10. Dash, A.K., Development, validation and analysis of creatine and leucin in plasma samples, Phenolics LLC, Omaha, NE, April 2018-December 2018, **\$16,250.**
11. Dash A.K. Omaha Family Foundation Award matching fund for the purchase of a GPC system. December 30, 2017, **\$30,000.**
12. Dash, A.K., Disodium Phosphocreatine: Evaluation of its Physicochemical Properties and Permeability s, Phenolics LLC, Omaha,

- NE, May 2017-June 2018, **\$13,500.**
13. Recipient of Raman Post-Doctoral Fellow-Dr. Debasish Pradhan, Utkal University, Department of Pharmaceutical Sciences, June 1st, 2016 - February 1st, 2017.
 14. Dash, A.K., Evaluation of Leucine Permeability Studies, Phenolics LLC, Omaha, NE, November 2016-December 2017, **\$2,500.**
 15. Dash A.K. Omaha Family Foundation Award for the purchase of ERWEKA–All Purpose R&D Equipment–Model AR 403. December 28, 2016, **\$25,000.**
 16. Dash A.K. Robert B. Daugherty Foundation Capital Project Award for the purchase of a LC-MS-MS (API 5500 Q-trap). October 15, 2016, **\$200,000.**
 17. Dash, A.K., Thermal Analysis and Evaluation of Crystal Growth at a Low Temperature on Some Pet Care Products, Sergeant's Pet Care Products Co., July 2015-December 31, 2016, **\$1,500.**
 18. Dash, A.K. Center for Undergraduate Research and Scholarship (CURAS). Passive Targeting by Doxorubicin-loaded Charged Liposomes Along with Actively Targeted Oppositely Charged Conjugate of a Photosensitizer. June 1, 2016- August 30, 2016, **\$800.**
 19. Dash, A.K. (Co-PI) and Venkatesh Govindarajan (PI), Acquired Resistance to Targeted Therapy in Mucinous Colorectal Cancers. LB595 Grant, July 1 2015- June 30, 2017, **\$95,000.**
 20. Dash, A.K., Evaluation of Creatine Permeability Studies, Phenolics LLC, Omaha, NE, February 2015-December 2015, **\$10,500.**
 21. Dash, A.K., Evaluation of Various Chewable Tablet Formulations, Fitzpatrick, Cella, Harper & Scinto, December 1, 2013-December 31, 2014, **\$4,812.03.**
 22. Dash, A.K., Evaluation of Vacuant vs Enemeez, Alliance Labs LLC, December 1, 2013-December 31, 2014, **\$4,563.**
 23. Dash, A.K., Use of Pharmaceuticals in the Development of Pet Care Products, Sergeant's Pet Care Products Co., December 1, 2013-December 31, 2014, **\$6,312.50.**
 24. Dash, A.K. (CO-PI) and Govindarajan V., PMP: Biologic Foundations for New Treatment Option, National Organization of Rare Disorders (NORD), February 1, 2014-January 31, 2015, **\$25,000.**
 25. Dash, A.K., President's Faculty Research Fund, Novel Skin-bound Melanoidinns-Sunscreen a Delivery Approach to Melanoma Prevention, February 15, 2012-February 14, 2013, **\$10,000.**
 26. Dash, A.K., Propst, S., Student Research Program SPAHP 2011, Multifunctional Nanoparticle Formulation and Characterization for Lung Cancer Treatment, August 2010- May 2012, **\$3,000.**
 27. Dash, A.K., LB 692 New Initiatives Research Grant Program, State of

- Nebraska Cancer & Smoking Grant, Nanome™: A Novel Nanodelivery System for Tumor Targeting, July 2010-June 2011, **\$99,036.**
28. Dash, A.K., Thermolife International, Creatine Nitrate solubility and stability, December 2009-June 2010, **\$14,575.**
29. Dash, A.K., Health Future Foundation, Omaha, NE, Instrument grant, July 2007, **\$150,000.**
30. Dash A.K., United States Pharmacopeia Grant offering for Pharmacy Compounding, Group A, 2008, **\$30,000.**
31. Dash A.K. (CO-PI) and Destache C. (PI), NIH-AREA, Pharmacology of Antiretroviral Nanoparticle Micelles, 2008, **\$282,348.**
32. Dash, A.K. Preliminary Evolutions of Methyl-glyoxal, Healthway Pharmacy, 2008, **\$17,500**
26. Dash, A.K., Stability Evaluation of a Novel Radioprotectant: ON1210.Na in Suspension Formulation, Palm Pharmaceuticals, April-July 2006, **\$2,500.**
27. Dash, A.K. and Murthy, Gowri, A Novel Mucoadhesive Gel Delivery System for the Treatment of Breast Cancer, AFPE Gateway to Research Fellowship, 2006, **\$5,000.**
28. Dash, A.K.(PI), A Novel *In Situ* Gel Drug Delivery System for Breast Cancer Treatment, Department of Defense, Grant # BC045664, **\$106,875** (2005).
29. Gross, S (PI), Singh, S. (Co-Investigator) and **Dash, A. K.** (Co-Investigator), Acquisition of a State of the Art Gel Permeation Chromatographic System. U. S. Department of Defense, May 1, 2005-April 30, 2006, **\$69,989.**
30. Destache, C. (PI) and Dash, A.K. (Co-PI), Delivery of Proteins to the Brain Using Nanotechnology for Neuroprotection, SPAHP Faculty Research Development Grant, 2004-2005, **14,940.**
31. Barr, C. (PI) and Dash, A.K. (Co-PI), Challenges Associated with National Pharmaceutical Stockpile to Respond to a Terrorist Event and Some Viable Alternative, SPAHP Faculty Research Development Grant, 2004-2005, **12,880.**
32. Dash A. K. (Co-PI) and P. Silberstine (PI), Bioavailability of Transdermal ABH and BDH Gel, HFF, 2004-present, **\$6,000.**
33. Dash, A.K., Preformulation and Formulation Development for a Novel Radioprotectant: ON1210.Na, Palm Pharmaceuticals, 2004-present, **\$34,000.**
34. Dash, A.K. Summer Minority Student Research grants **\$400** (2004).
35. Dash, A.K. Summer Minority High School Students Research Grant **\$500** (2004).
36. Dash A.K. and D. Cadaoas, Development of a Polyantibiotic Local Drug Delivery System for Intracrevicular Medication, 2004 AFPE Gateway Research Scholarship, **\$5,000.**

37. Dash, A.K. ConAgra Inc., 2002, Chewable Tablet Formulations Using Natural Fiber, **\$11,600**.
38. Opere, C., Ohia, S. and Dash, A.K. (Consultant) Effect of Isoprostanes on Retinal Transmitter Release. Amount: HFF Foundation, Omaha, NE, **\$20,000**, July 1, 2002 to June 30, 2004.
39. Saini T. and Dash, A. K. (Co-investigator), Development of Novel Polyantibiotic Local Delivery System for Intracervicular Medication, HFF Foundation, Omaha, NE, **\$18,840**, 2002.
40. Dash, A.K. Summer Minority Student Research grants **\$400** (2002).
41. Dash, A.K. Summer Minority High School Students Research Grant **\$500** (2002).
42. Dash, A.K. ConAgra Inc., 2001, Formulation of a Sustagrain Chewable Tablet Formulation, **\$2,600**.
43. Dash, A.K. Quantitation of Ephedrine and Caffeine in Dietary Supplement Formulations, AdvoCare International, Carrollton, TX, 2001, **\$5,000**.
44. Dash, A. K., Grant from Rhodia Inc., 2001. Use of A-Tab and Di-Tab in Nutraceutical Formulations, **\$7,290**.
45. Ohia, S. and Dash, A. K., Hydrogen Peroxide and Retinal Neurotransmitter Release, Academic Research Enhancement Awards (AREA), 2000, **\$141,000 (Co-Investigator)**.
46. Dash, A.K., Utilization of Direct Compressed Honey and Molasses in Masking the Unpleasant Taste and Odor of Some Herbal Products, Char/Hansen, 2001, **\$7,900**.
47. Dash, A. K. PMA Undergraduate Research Fellowships in Pharmaceutics Project Title: A Novel Drug Delivery System for the Targeted Local Delivery of Doxorubicin. Student: John Okogbaa, 2001, **\$5,000**.
48. Dash, A K., Received an instrument grant worth **\$25,000** from Alza Inc., Minneapolis, MN, May 2000 (Spectrophotometer and HP Series HPLC).
49. Dash, A. K. Creighton University School of Pharmacy and AHP Equipment Grant, 2000, **\$18,000**.
50. Dash, A. K. Evaluation of the Stability of a Natural Antiseptic Formulation, ConAgra Inc., 2000, **\$1,800**.
51. Dash, A.K. Use of Maltodextrin and Calcium Carbonate in the Formulation of Tablet Dosage Forms for Natural Products, Char/Hansen, 2000, **\$3,500**.
52. Dash, A.K. and Mo, YoonSun, Solid-State Properties of Creatine Monohydrate, AFPE Gateway Fellowship, 2000, **\$5,000**.
53. Dash, A. K., Grant from CHR. Hansen Ingredient Inc., 1999. Development of Quick Release Calcium Carbonate Formulation, **\$4,800**.

54. Dash, A. K., Grant from Rhodia Inc., 1999. Formulation of Radiolabeled A-Tab and Di-Tab Tablets for Oral Absorption Studies, **\$15,500.**
55. Dash, A. K., Grant from Depomed Inc., 1999. Functional Absorption of Calcium from a Gastric Retained Tablet, **\$10,940.**
56. Dash, A.K., Grant from Fortress Inc., 1999, Evaluation of the Solid-State Properties and Oral Bioavailability of Creatine Monohydrate, **\$10,960.**
57. Dash, A.K., Grant from Gattafosse Inc., *In vivo* Evaluation of the Bioadhesive Nicotine Suppository in Ulcerative Colitis, **\$4,000.**
58. Dash, A. K. PMA Undergraduate Research Fellowships in Pharmaceutics for Student Heather Owens, Study of the BBB Permeability Characteristics of antibiotics in Rabbit Meningitis Model, 1999, **\$5,000.**
59. Dash, A. K. and Owens, H., APQ Undergraduate Award in Pharmaceutical Analysis, BBB Permeability Characteristics of Ceftriaxone and Levofloxacin in Rabbit Meningitis Model, 1998, **\$1,500.**
60. Destache C.J., Pakiz, C.B., **Dash, A.K.**, Larsen, C., Ortho-McNeil, Pharmacokinetics of Levofloxacin in an Experimental Rabbit Meningitis Model with Penicillin Sensitive Pneumococci, 1997-1998, **\$48,855. Co- investigator.**
61. Dash, A.K., Grant from ConAgra, Stability of Probiotic Formulations, 1998, **\$3,720.**
62. Destache C. J., Pakiz, C.B., **Dash, A.K.**, Larsen, C., and Meschter, C., Society of Infectious Diseases Pharmacists, Nitric Oxide Concentration in *S. Pneumoniae* Meningitis: Correlations with Cytopathy, 1996-1997, **\$14,950. Co-investigator.**
63. Dash, A.K., Grant from SK&B, Effect of Sugar and Non-Sugars Additives on the Absorption of Calcium from Tums® Formulation, 1996, **\$9,440.**
64. Dash, A.K., Grant from ConAgra, Microencapsulation of Some Food Products Undergoing Oxidative Degradation, 1997, **\$4,200.**
65. Dash, A.K., Grant from ConAgra, Development of a Novel Dosage Form for Probiotics, 1996, **\$9,120.**
66. Dash, A. K., State of Nebraska Smoking Grant (LB595), Development of a Rapid Nasal Delivery Systems for Nicotine Replacement Therapy for Smoking Cessation, 1996, **\$15,591.**
67. Dash, A. K., Grant from Gattafosse Incorporation, Bioadhesive Rectal Nicotine Delivery System for Ulcerative Colitis, 1996, **\$11,640.**
68. Dash, A. K., American Heart Association Student Research Fellowship, A Novel Approach to Treat Bone Cancer and to Minimize the Cardiac Toxicity of Anticancer Drugs, 1996, **\$1,500.** Student: Edward M. DeSimone III.

69. Dash, A. K. and Moster, D. K. (Ohio Northern University, Ada, Ohio), APQ Undergraduate Award in Pharmaceutical Analysis, Utilization of Thermoanalytical Methods for the Quantitation of Moisture Absorption by Pharmaceutical Solids, 1995, **\$3,500**.
70. Dash, A. K., Presidential Travel Scholarship from Scanning Electron Microscopy International, Chicago, IL. to attend the Cells and Materials 1995 Meeting May 6 to May 11, Houston, Texas, **\$300**.
71. Dash, A. K. Agouron Pharmaceuticals, Solid-State Properties of AG337, a Novel Antitumor Drug, 1995, **\$3,380**.
72. Dash, A. K. and Haney, P. W., APQ Undergraduate Award in Pharmaceutical Analysis, Development of an *In Vitro* Dissolution Method Using Microdialysis Sampling Technique for Implantable Dosage Forms, 1994, **\$4,000**.
73. Dash, A. K., Presidential Travel Scholarship from Scanning Electron Microscopy International, Chicago, IL. to attend the Cells and Materials 1994 Meeting May 7 to May 14, Toronto, Canada, **\$500**.
74. Dash, A. K. Agouron Pharmaceuticals, Evaluation of the *In Vitro* Dissolution Characteristics of Some Novel Oral Dosage Forms, 1993, **\$3,200**.
75. Dash, A. K. The Health Future Foundation Faculty Development Grant, Development of a Bioadhesive Rectal Delivery System for the Treatment of Ulcerative Colitis, 1993, **\$9,850**.
76. Dash, A. K. PMA Undergraduate Research Fellowships in Pharmaceutics for student Steve D. Junker, Effects of Lyophilization on the Physical State and Release Characteristics of Drugs in Microcapsule Formulations, 1993, **\$5,000**.
77. Dash, A. K. and Noble, G. C. APQ Undergraduate Award in Pharmaceutical Analysis, Development of a Nondestructive Method for the Analysis of Drugs in Microcapsule Formulations, 1992, **\$4,000** (\$3,500 Grant + \$500 Travel Money).
78. Dash, A. K. The Health Future Foundation Faculty Development Grant, Development of an Optimal Rectal Delivery System for Valproic Acid, 1991, **\$9,000**.
79. Dash, A. K. Creighton University Health Sciences Equipment Grant, 1991, **\$17,500**.

(B) Approved but not funded:

1. Dash, A.K., Surface Modified Mucoadhesive Nano-Delivery System for Breast Cancer Treatment. Amount Requested: **\$107,625** (2008-2009).
2. A.K. Dash (PI) and P.T. Silberstein (CO-PI), T. Saini (CO-PI), D.A. Dobberpuhl (CO-PI), High Sensitivity LC-MS System in Nano-

- Delivery System Design and Radioprotectant Research, Department of Defense, DURIP Proposal, Amount Requested: **\$182,656** (2008).
3. Dash, A.K., Surface Modified Nanoparticles for Radioprotectant Delivery and Therapy, NIH (1 R21 AI071255-01). Amount Requested: **\$406,856** (2006-2009).
 4. NSF RII (EPSCoR) Preproposal Engineering Nanomanufacturing for Biomedical Applications, PI/PD: Y. Dzenis, **UNL**, Requested from NSF - PIs: **UNL**: Dzenis, Turner, Zeng, Feng, Farritor, Subramanian, Larsen, Viljoen, Rajurkar **UNMC**: Kabanov, **Creighton**: Dash, Gross, Amount Requested: **\$2,000,000** (2006-2009).
 5. Dash, A. K., Development of Rapid Nasal Delivery System for Nicotine Replacement Therapy for Smoking Cessation, Cancer and Smoking Disease Grant 1995, State of Nebraska. Amount Requested: **\$29,700**.
 6. Dash, A. K., Biodegradable Doxorubicin Delivery Systems to Treat Bone Cancer, Cancer and Smoking Disease Grant 1995, State of Nebraska. Amount Requested: **\$29,850**.

Graduate and Honors Student Theses:

1. Master Thesis Advisor: Pankaj Rajdeo (Title: Development, Characterization, and Optimization of Amorphous Solid Dispersions and Abuse Deterrent Tablets: A Study Focused on Acyclovir and Acetaminophen Using Hot Melt Extrusion). July 26, 2023.
2. Master Thesis Advisor: Urmila Kafle (Title: Nanovesicles Delivery Systems Containing Doxorubicin Hydrochloride and Paclitaxel for the Treatment of Breast Cancer). May 19, 2023.
3. Master Thesis Co-Advisor: Neha S. Panchabhai (Title: A Dual Approach of Salt Formation and Amorphous Solid Dispersion for Improved Oral Drug Delivery). May 16, 2023.
4. Master Thesis Advisor: Rachana Sapkota. (Title: Liposomes and Transfersomes for the Topical Delivery of Papain in the treatment of hypertrophic Scars). May 17, 2021.
5. External examiner for the Ph.D. thesis evaluation of Mrs Geevarghese Rachel Biju entitled “Formulation and Evaluation of a Transdermal Drug Delivery System for a Lipid Lowering Drug”, University of Pune, June 4, 2021.
6. Virtual internship and mentor for the Ph.D. student Victoria Molina Regalado, Pontificia Universidad Catolica de Chile, June 29, 2021.
7. Master Thesis Advisor: Saina S. Prabhu. (Title: Development and Characterization of Nanoparticulate Delivery System for Treatment of Cutaneous Melanoma). July 14, 2020.
8. Master Thesis Co-Advisor: Shreshtha Dash. (Title: Injectable In Situ

- Gelling Metronidazole System for Treating Jawbone Infections). June 22, 2020.
9. External Examiner (2019) for the MSc Thesis of Mr. Bashaier Mohammed Al-Kandari, Kuwait University, Kuwait.
 10. Master Thesis Advisor: Daniel J. Munt. (Title: Development and Validation of a Novel Diffusion Chamber for *In Vitro* Permeability Testing of Topically Delivered Spray Formulations). December 19, 2019.
 11. Master Thesis Co-Advisor: Bishal Misra. (Title: Modified Release of Agglomerated Nano-Particles for Pulmonary Delivery). September 25, 2019.
 12. Master Thesis Advisor: Aayushi Laliwala. (Title: Development of Polymeric Nanoparticles Containing a Natural Antioxidant (α -tocopherol) for the Treatment of Spinal Cord Injury). July 11, 2019.
 13. Master Thesis Advisor: Tasneem Arsiwala. (Title: Novel Multifunctional Liposomal Carriers Encapsulating Temozolamide, RG7388 and Elacridar for Targeted Glioblastoma Multiforme Therapy). July 30, 2018.
 14. Master Thesis Advisor: Suyash Deodhar. (Title: Development of Poly(2-ethyl-2-oxazoline) Based Stealth Nanoliposomes for Targeted Delivery of Gemcitabine and Irinotecan in Treatment of Pancreatic Duct Adenocarcinoma). August 23, 2018.
 15. Master Thesis Co-advisor: Rachna Nayak. (Title: Preparation and Characterization of a reactive Oxygen Species (ROS) Triggered Delivery System for the Treatment of Diabetic Retinopathy). September 13, 2018.
 16. Master Thesis Advisor: Susmita Bose. (Title: Photosensitizer Loaded Contact Lenses as an Externally Stimulated Ophthalmic Drug Delivery System). August 09, 2017.
 17. Master Thesis Advisor: Pushkar A. Saralkar (Title: Curcumin and Resveratrol Loaded Calcium Alginate Nanoparticles for Anti-Cancer Therapy). July 25, 2016.
 18. Master Thesis Advisor: Sonal V. Bhujbal (Title: Preparation, Characterization and *In vitro* Evaluation of Metformin Loaded Hyaluronic Acid Nanoparticles for Oral Delivery). July 21, 2016.
 19. Master Thesis Advisor: Akash Patil (Title: Preparation, Characterization and Toxicity Evaluation of a Novel Controlled Release Delivery System for a Hydrogen Sulfide Donor- GYY 4137). July 11, 2016.
 17. Master Thesis Advisor: Swasti Pandey (Title: Preparation and Characterization of Multifunctional Chitosan Microparticles for Lung Delivery). September 29, 2015.
 18. External Examiner (2015) for the Ph.D. Thesis of Mr. B. Prathap (Title: Method Development and Validation of Selected Drug in Formulations by Using Various Analytical Techniques, Anamalai University, Tamilnadu, India).
 19. Master Thesis Advisor: Anne Grana (Title: Nanoemulsions in Topical

- Drug Delivery). November 25, 2014.
20. External Examiner (2014) for the Ph.D. Thesis of Mr. Bopi Gorain (Title: An Approach to Improve Oral Bioavailability of Poorly Water-Soluble Drug Based on Nanoemulsification Technique, Jadavpur University, Kolkata, India).
 21. Master Thesis Advisor: Shantanu Chandratre (Title: Multifunctional Nanoparticles for Cancer Therapy). February 14, 2014.
 22. Master Thesis Advisor: Sneha Dhapare (Title: Multifunctional Nanoparticles Containing Hydrophobic and Hydrophilic Drugs for Anticancer Drug Delivery). July 30, 2013.
 23. Master Thesis Advisor: Manas P. Gupte (Title: Preparation and Characterization of Methyl Glyoxal Nanoparticulate Drug Delivery System). August 29, 2011.
 24. Master Thesis Advisor: Pinal Mistry (Title: Surface Modified Solid Lipid Curcumin Nanoparticles for Oral Delivery). August 8, 2011.
 25. Master Thesis Advisor: Ambrish Pandit (Title: Solid Lipid Nanoparticulate Formulation for Ifosfamide: Development and Characterization). April 4, 2011.
 26. External Examiner (2010) for the Ph.D. Thesis of Mr. Chirag Goda (Title: Studies on Modern Drug Delivery Formulations of Potential Anti-Cancer Herbal Products, Guru Nanak Dev University, Amritsar, India).
 27. External Examiner (2010) for the Ph.D. Thesis of Mr. Animesh Ghosh (Title: Biopharmaceutical Evaluation of Fixed Dose Combination of Anti Diabetic Drugs, Jadavpur University, Calcutta, India).
 28. External Examiner (2007-2008) for the Ph.D. Thesis of Mr. Durga Madhab Kar (Title: Synthesis and Pharmacological Studies of Some Nitrogen Heterocyclic Compounds with Special Interest on Indole Derivatives, Birla Institute of Technology, Mesra, Ranchi, India).
 29. External Examiner (2006) for the Ph.D. Thesis of Mrs. Chitralli Mallikarjuna Setty (Title: Development and Evaluation of Novel Microparticulate Drug Delivery Systems Using Natural Polymers, Jadavpur University, Calcutta, India).
 30. Master Thesis Advisor: Jatin Khurana (Title: Development and Characterization of Polymeric Nanoparticulate Delivery System for Hydrophilic Drug: Gemcitabine). December 16, 2009.
 31. Master Thesis Advisor: Neha Jain (Title: Preparation and Characterization of Amifostine and Melatonin Nanoparticle for Radioprotective Therapy). August 2009.
 32. Master Thesis Advisor: Ankita Nagvekar (Title: Development and Characterization of Nanoparticulate Delivery System for the Radioprotectant Drug Amifostine). May 23, 2008.
 33. Master Thesis Advisor: Parina Fernandes (Title: Preformulation and Formulation Development of a Novel Radioprotectant Drug) August 23,

- 2007.
34. Master Thesis Advisor: Kanishka Pathak (Title: Drug Delivery System Design for Dental Cavities). January 12, 2007.
 35. Master Thesis Advisor: Divya Samineni (Title: In vitro Evaluation of Antiemetic Topical Gels in Cancer Chemotherapy) September 15, 2006.
 36. Master Thesis Advisor: Saurabh Jauhari (Title: *In Situ* Gel Delivery System for Paclitaxel). August 18, 2006.
 37. External Examiner (2006) for the Ph.D. Thesis of Mr. Subir Samanta (Title: Synthesis and Studies of Piperidine Analogues, Birla Institute of Technology, Mesra, Ranchi, India).
 38. Ph.D. Examination Committee member for Aaron Mayo, UNMC, 2005-2007.
 39. Master Thesis Advisor: Sudipta Ganguly (Title: A Novel *In Situ* Gel for Sustained Drug Delivery and Targeting). May 29, 2003.
 40. External Examiner (2004) for the Ph.D. Thesis of Mr. M. Ganesan (Title: Coated Pellets of Terbutaline: Development, Characterization, and Statistical Optimization by Response Surface Methodology, Jadavpur University, Calcutta, India).
 41. External Examiner (2002) for the Ph.D. Thesis of Mr. V. Suba (Title: Phytochemical and Pharmacological Evaluation of *Barleria Lupulina* Lindl. (Family-Acanthaceae), Jadavpur University, Calcutta, India).
 42. Ph.D. Committee member for Angela M. LeDay, Department of Pharmacology, Creighton University. 1999-2002.
 43. Master Thesis Advisor: YoonSun Mo (Title: Solid-State Characterization of Creatine Monohydrate and its Oral Bioavailability). April 17, 2002.
 44. Master Thesis Advisor: Nai Yun Fan (Title: Development of an Implantable Doxorubicin Delivery System for the Treatment of Bone Cancer). July 19, 2000.
 45. External Examiner (1997) for the Ph.D. Thesis of Mr. P. Suresh (Title: Design and Evaluation of Transdermal Drug Delivery Systems, Jadavpur University, Calcutta, India).
 46. External Examiner (1995) for the Ph.D. Thesis of Mrs. Sutapa Sardar (Title: Antitumor Potential of Vitamin D₃ on Murine Lymphoma and its Role in the Inhibition of Tumorigenesis, Jadavpur University, Calcutta, India).

Services:

(A) Department/School/University Services:

1. SPAHP Diversity Task Force, 2020-2022.
2. ACPE Self Study Steering Committee, 2019-2022.
3. Phoenix Expansion Ad-Hoc group, 2020-2022.

4. President's Strategic Assessment Group, 2020-2022.
5. Research Mentor for Branden Siracuse, Saint Louis University, Summer of 2016.
6. Member, Curriculum Steering Committee School of Pharmacy & Health Professions, 2016-present.
7. Member, University Research Council, January 2017-present.
5. Member, Internal Advisory Board, Center for Undergraduate Research and Scholarship (January 2014-present).
6. Member, University Institutional Animal Care and Use Committee (2010-February 2011).
7. Member, University Biomedical Research Advisory Committee (2006-2013).
8. Research Mentor for Erika Baral, Mission San Jose High School, Summer of 2011.
9. Research Mentor for Erika Baral, Mission San Jose High School, Summer of 2010.
10. Member, Search Committee for the Department of Pharmacy Chair (2005-2006).
11. Member, Graduate Program Administrative Committee (2004-2014).
12. Member, Graduate Program Admission Committee (2003-present).
13. Member, Pharmacy Accreditation Self-Study Steering Committee (2004-2005).
14. Co-Chair, Pharmacy Accreditation Self-Study Steering Committee (Faculty) (2004-2005).
15. Member, Strategic Planning Committee (2004-2006).
16. Member, Administrative Committee (2004-present).
17. Member, Health Sciences Research Committee (2003-2008).
18. Member, Export Control Task Force, Creighton University (2007).
19. Research Mentor for Abiola Kosoko, for the Summer Research Training Program for Minority Students (2004).
20. Research Mentor for Oludara Amole, for the Summer Research Training Program for Minority Students (2004).
21. Interim Chair, Department of Pharmacy Sciences, March 1, 2004-March 1, 2007.
22. Research Mentor for George Okpalaeze, for the Summer Research Training Program for Minority Students (2001).
23. Research Mentor for Anthony Randolph, for the Summer Research Training Program for Minority Students (2000).
24. Academic Mentor for S. Jonnalagada, Ph.D., Assistant Professor, Department of Pharmacy Sciences (2000-2003).
25. Academic Mentor for R. Garis, Ph.D., Assistant Professor, Department of Pharmacy Sciences (1999-2005).
26. Member, Creighton University Research Compliance Committee

- (2000-present).
27. School Coordinator for the AACP/AAPS Visiting Scientist Program (1997-2004).
 28. Represented the School at the 2000 AACP Institute, May 19-23, 2000, Xerox Documentary University, Leesburg, Virginia.
 29. Member, Executive Committee of University Academic Council (1999-2000).
 30. Member Elected to University Faculty Council (1999-2001).
 31. Member, University Long-Range Strategic Planning Committee on Leadership Training (1998-1999).
 32. Member, University Committee on Faculty Dismissals (1998).
 33. Chair - Pharmacy Accreditation Self-Study Steering Committee (Physical Facilities) 1998.
 34. Member, Executive Committee (1996-1998).
 35. Member, Academic Support and Review Committee (2000-2004)
 36. Member, Students Dismissal Hearing Board (1997-1999).
 37. Member Admission Committee, School of Pharmacy (1997-1999).
 38. Member, Rank and Tenure Committee (1996).
 39. Chair, Departmental Goal adhoc Committee (1997).
 40. Chair, Graduate Program Admission Committee (1997-2003).
 41. Represented the Department at the Meetings of the Chairs of Departments of Pharmaceutics at the AAPS Annual Meeting (1992-2012).
 42. Member - Pharmacy Curriculum Committee (1993-1995, 1999).
 43. Accompanied the P2 Students during the Lilly Trip to Indianapolis (1991).
 44. Organized the Dorsey Trip to Lincoln for P1 Class (1991-1994).
 45. Member - Annual Academic Activity Committee (1991).
 46. Member - Contemporary Practice Laboratory - ad hoc Committee (1991, 1995, 1996).
 47. Member - Pharmacy Accreditation Self-Study Steering Committee Student Service Sub-Committee, 1991.
 48. Member - Pharmacy Awards Committee (1991-1992).
 49. Member - Pharmacy Continuing Education Committee (1992-1994, 2000, 2001).

(B) Pharmacy Students Faculty Advisor:

Faculty advisor to more than 120 Pharmacy Students.

(C) Graduate Thesis Committee Member

1. Neetu Singh. (Title: Regulation of Catractogenesis in Cultured Bovine Lenses by 5-Phenyldithiole-3-thione-NSAID Hybrid Molecule). September

- 15, 2020.
2. Ashwini Gumireddy. (Title: Preparation, characterization and *in vitro* evaluation of curcumin -resveratrol loaded nanoparticles for anticancer therapy). July 20, 2017.
 3. Richa Verma. (Title: A novel particle-based in situ gelling system for delivering hydrogen sulfide at a sustained rate for potential application in glaucoma). July 5, 2017.
 4. Akash Patil. (Title: Preparation, characterization, and toxicity evaluation of a novel controlled release delivery system for a hydrogen sulfide donor-GYY4137A). July 11, 2016.
 5. Amruta Sabnis. (Title: Inhaled clofazimine delivery for the treatment of pulmonary tuberculosis). Nov 12, 2015.
 6. Fan Meng. (Title: Investigating crystallization tendency, miscibility, and molecular interactions of drug-polymer system for the development of amorphous solid-dispersions). August 14, 2015.
 7. Megan B. Derba. (Title: Modification of the next generation impactor (NGI) and incorporation of bacterial cultures as an *in vitro* pneumonia model). August 28, 2014.
 8. Nikita D. Navalkar. (Title: Development and evaluation of a small volume liquid impaction surface in the next generation impactor (NGI)). August 19, 2014.
 9. Dhvani Patel. (Title: Preparation and characterization of spray dried fluorescent microparticles for controlled release in the lungs). August 19, 2013.
 10. Laxmi Fogueri, (Title: Novel smart polymer based protein formulation). December 14, 2010.
 11. Rakhi Pandey. (Title: Developing a mathematical model using a suitable pharmacokinetic equation to establish *in vivo*–*in vitro* correlation for solid oral dosage forms). September 25, 2008.
 12. Sumit Chhabra. (Title: Phase-sensitive smart polymers for the sustained delivery of proteins in biological active form). September 22, 2006.

(D) Other Professional Services (National/International Level):

1. Member of the Editorial Board, Therapeutic Delivery, 2021.
2. Invited Speaker for the APP's two-days Virtual International Conference on 'Global Advances in Pharmaceutical and Allied Sciences' at Arihant School of Pharmacy and Bio-Research Institute, Adalaj, Gandhinagar, Gujarat on 1st-2nd December, 2021. Title: Liposomes and transferosomes in topical drug delivery.
3. Chief Guest, AICTE Training and Learning (ATAL) Academy, Targeted Delivery of Green Synthesized Nanomaterials and Their Importance in 21st Century 9th July 2021, Utkal University, Bhubaneswar India.

4. Keynote Presentation (Virtual), AICTE Training and Learning (ATAL) Academy, Targeted Delivery of Green Synthesized Nanomaterials and Their Importance in 21st Century 10th July 2021, Utkal University, Bhubaneswar India. Title: Challenges and Opportunities of Nanomedicine.
5. Chief Guest, AICTE Training and Learning (ATAL) Academy, Faculty Development Program, Targeted Delivery of Green Synthesized Nanomaterials and Their Importance in 21st Century 9th November 2021, Utkal University, Bhubaneswar India.
6. Invited Presentation (Virtual), AICTE Training and Learning (ATAL) Academy, Faculty Development Program, Targeted Delivery of Green Synthesized Nanomaterials and Their Importance in 21st Century 10th July 2021, Utkal University, Bhubaneswar India. Title: Nanoparticles in Pharmaceuticals Research and Their Applications.
7. Guest of Honor and Inaugural Address at the APP 11th Indo-US Virtual Conference, Theme: Global Trends in Pharmaceutical Sciences, Rampura, Kakanpur, Gordha, Gulurat, India, 28-29, December 2020.
8. ACPE Site Visit (Virtual) August 25-27, 2020.
9. International Advisory Board for the International Conference on Advanced Engineering and Functional Materials, Bhubaneswar, India, September 21-23, 2017.
10. Member of the Editorial Board, *Journal of Drug Discovery, Development and Delivery* (2013-Present).
11. Member of the Editorial Board, *Source Journal of Pharmaceutical Sciences (SJPS)* (2014-Present).
12. Member of the Editorial Board, *International Journal of Clinical Pharmacology and Toxicology* (IJCPT) (2014-Present).
13. Member of the planning Committee, Silver Jubilee Pharmacy Reunion, Jadavpur University, Kolkata, 2013.
14. Member of the Editorial Board, *Journal of Current Protein and Peptide Science* (2009-Present).
15. Member of the Editorial Board, *Journal of Drug Delivery* (2009-2017).
16. Member of the Editorial Board, *Current Pharmaceutical Analysis* (2004-Present).
17. Member, AAPS (Pharmaceutical Technology) Program Committee, 2004-2008.
18. Elected Chair, Preformulation Focus Group, American Association of Pharmaceutical Scientists, 2004-2005.
19. Organizer and Moderator for the Symposium Alternative Career Paths in the Today's Changing Environment Within the Pharmaceutical Sciences at the AAPS Annual Meeting and Exposition, October 29, 1996, Seattle. Washington.

20. Chair and Organizer of the Innovative Drug Delivery Systems Symposium at the 1996 Conference on Pharmaceutical Science and Technology, August 6-8, 1996, Hyatt Regency O'Hare. Chicago, IL.
21. Member – 1996-1997, AAPS Education Committee.
22. Podium presentation evaluator for the 26th Midwest Pharmaceutics Graduate Students Research Meeting, Omaha (1998-2002).
23. International Coordinator, Children's Cancer Institute of India (1995-2000).
24. External Reviewer and Ph.D. Thesis examiner for Jadavpur University, Calcutta, India.
25. Member of the Editorial Board, *Analytical Profiles of Drug Substances and Excipients* (1995-Present).
26. Chair and Organizer of the New Drug Delivery Systems Section of the 1995 Cells and Materials Meeting (May 6-11), Houston, Texas.
27. Member, AAPS-APQ Awards Committee (1995-2012).
28. Member, AAPS-APQ Publications and Publicity Committee (1994-1996).

(E) Community Services:

1. Teacher Youth Group, Hindu Temple Omaha, Nebraska (2007-present).
2. Fundraising Co-chair, First-USA India Friendship Summit, Creighton University, Omaha, Nebraska (October 6, 2017).
3. Chair, Fundraising Committee, Hindu Temple, Omaha, Nebraska (July 2014- 2018; 2020-present).
4. Chair, Youth and Community Relations, Hindu Temple, Omaha, Nebraska (July 2013- present).
5. Chairman of the Board, Hindu Temple of Nebraska (2010-2012).
6. Ambassador for Peace, Omaha, NE, 2004-present.
7. Coordinator, Multi-faith Coalition, Habitat for Humanity 2003-2010.
8. Chair, Preformulation Focus Group, AAPS, 2004-2005.
9. Member, Board of Directors, American Red Cross, Heartland Chapter, July 2005-June 2008.
10. Chair, Public Relations Committee, Habitat for Humanity of Omaha, Multi Faith Coalition, February 2004-2009.
11. Member, Diversity Council, American Red Cross, Heartland Chapter, December 2004-2007.
12. President, Hindu Temple, Omaha, Nebraska (July 2003- June 2004).
13. President, India Association of Nebraska, (January 2003- December 2003).
14. Vice-President, Hindu Temple of Nebraska (2001-2003).
15. Volunteer Service Coordinator for Indian Association of Nebraska for

- the following organizations: Make-A-Wish Foundation, Stephen's Center and Montclair Nursing and Rehabilitation Center (1999-2002).
16. Chair, Community Services, India Association of Nebraska (1999-2001).
 17. Treasurer, Hindu Temple of Nebraska (2000-2001).
 18. Editor-in-Chief: 1996-1998, USA Asian Newspaper, Omaha, NE.
 19. Chair: Library Committee, Hindu Temple of Nebraska, 1996-2000.
 20. Board of Directors USA Asian Newspaper: 1995-1998.
 21. Volunteer Service (as a priest) to Hindu Temple of Nebraska: 1994-present.
 22. Volunteer Service to Omaha Public School: 1992-2000.
 23. Member: 1994-Present, Religious Committee, Hindu Temple of Nebraska.
 24. Executive Committee Member: Hindu Temple of Nebraska (1994).
 25. Executive Committee Member: India Association of Nebraska (1993).
 26. Editor-in Chief: 1993-1995, Journal of the Orissa Society of the Americas.

(F) Philanthropic Contributions/Affiliation

1. Establishment of Flurence and Jagannath Dash Endowed Scholarship in the memory of my parents in the School of Pharmacy and Health Professions, Creighton University (2017).
2. Establishment of Dr. Alekha and Smita Dash Alumni Scholarship in the Department of Pharmaceutics, College of Pharmacy, University of Minnesota (2017).
3. Blue White and You Creighton University Fundraising 2000-2003.
4. United Way of the Midland, 1991-present.

Teaching and Research

Teaching Interests:

1. Pharmaceutical Analysis
2. Basic Pharmaceutics
3. Physical Pharmacy
4. Solid-State Pharmaceutics
5. Dosage form and Drug Delivery Systems
6. Biopharmaceutics
7. Independent Research in Drug Delivery System Design
8. Industrial Pharmacy
9. Pharmacy Sciences Seminar and Journal Club

Teaching Experiences

Instruction of Record (IOR):

1. PHAR 512 (Pharmaceutics II) Co-IOR Shenandoah University 2021.
2. MPS 792 (Pharmaceutical Sciences Journal Club): 2019-Present, Master of Pharmaceutical Sciences Students.
3. MPS 691 (Pharmaceutical Sciences Seminar): 2014-Present, Master of Pharmaceutical Sciences Students.
4. PHA 327 (W) Pharmaceutics II- Sterile and Nonsterile Dosage Forms: 2001-20011, Professional Doctor of Pharmacy Students.
5. PHA 327 (C) Pharmaceutics II- Sterile and Nonsterile Dosage Forms: 2001-20011, Professional Doctor of Pharmacy Students.
6. MPS 799 (Master's Thesis): 1995-Present, Master of Pharmaceutical Sciences Students.
7. MPS 692 (Directed Independent Studies): 1995-Present, Master of Pharmaceutical Sciences Students.
8. MPS 693 (Directed Independent Research): 1995-Present, Master of Pharmaceutical Sciences Students.
9. PPR 405 and PPR 485 (Doctor of Pharmacy Academic/Research Clerkship): 1991- 2007 Professional Doctor of Pharmacy Students.
10. PHSC 751/851 (Innovative Drug Delivery Systems) (University of Nebraska Medical Center); 1995-present, Graduate students.
11. PHA 467 (Industrial Pharmacy): 1991- 2007 Professional Doctor of Pharmacy Students.
12. PHA5061 (Independent Research II): 1991- 2007 Professional Doctor of Pharmacy Students.
13. PHA5013 (Independent Research I): 1991- 2007 Professional Doctor of Pharmacy Students.
14. PHA 325 (Dosage forms and Drug Delivery Systems): 1995- 2011 Professional Doctor of Pharmacy Students.
15. PHA 315(Pharmaceutics): 1995- 2011 Professional Doctor of Pharmacy Students.
16. PSC 112 (Pharmaceutics II): 1991, 1992, 1993 and 1994. Professional Pharmacy students.
17. PSC 111 (Pharmaceutics I): 1991, 1992, 1993 and 1994. Professional Pharmacy students.

Guest Lecturer/Team Taught Contributed Courses

1. PHA 327 (C) Pharmaceutics II- Sterile and Nonsterile Dosage Forms: 2011-present, Professional Doctor of Pharmacy Students.
2. PHA 327 (W) Pharmaceutics II- Sterile and Nonsterile Dosage Forms:

2011-present, Professional Doctor of Pharmacy Students.

3. MPS 602 (Quantitative Pharmaceutical Analysis): 1999-present, Master of Pharmaceutical Sciences Students.
4. PHR 242 (Pharmacology II): 1995-2007 Professional Doctor of Pharmacy Students.
5. PHR 459 (Immunopharmacology): Drug Delivery Strategies for Monoclonal Antibodies and Cytokines, 1995-2007 Professional Doctor of Pharmacy Students.
6. PHA 466 (Dispensing Lab: Pharmaceutical Compounding): 1995-2007 Professional Doctor of Pharmacy Students.

Research Interests:

1. Design and Evaluation of Novel Drug Delivery Systems.
2. Preformulation Studies.
3. Solid-State Characterization of Drugs and Dosage Forms.
4. Pharmaceutical Analysis Utilizing the Following Techniques: HPLC, GC, GPC, LC-MS/MS, GC-MS, Thermoanalytical methods, IR, Powder X-ray Diffraction, Scanning Electron Microscopy and *In Vitro* Cell Culture.
5. Evaluation and Design of Dosage Forms for Nutraceuticals.

Research Award Projects:

1. Recipient of the Government of India UGC Raman Post-Doctoral Fellowship for Dr. Debasish Pradhan, June 1, 2016- March 30, 2017.
2. AFPE Gateway to Research Fellowship, 2006.
Project Title: A Novel Mucoadhesive Gel Delivery System for the Treatment of Breast Cancer.
Student: Gowri Murthy.
3. AFPE Gateway to Research Fellowship, 2004.
Project Title: Development of a Novel Polyantibiotic Local Drug Delivery System for Intracervical Medication.
Student: Diana Cadaoas
4. PMA Undergraduate Research Fellowships in Pharmaceutics, 2001.
Project Title: A Novel Drug Delivery System for the Targeted Local Delivery of Doxorubicin.
Student: John Okogbaa.
5. AFPE Gateway to Research Fellowship, 2000.
Project Title: Solid-state Properties of Creatine Monohydrate.
Student: YoonSun Mo
6. PMA Undergraduate Research Fellowships in Pharmaceutics, 1999.

Project Title: Study of the BBB Permeability Characteristics of antibiotics in Rabbit Meningitis Model.

Student: Heather M. Owens.

7. Dash, A. K. and Owens, H., APQ Award in Pharmaceutical Analysis, Summer 1997, BBB Permeability Characteristics of Ceftriaxone and Levofloxacin in Rabbit Meningitis Model.
8. American Heart Association Student Research Fellowship, A Novel Approach to treat Bone Cancer and to Minimize the Cardiac Toxicity of Anticancer Drugs, 1996, \$1,500. Student: Edward M. DeSimone III.
9. APQ Award in Pharmaceutical Analysis, Summer '95
Project Title: Utilization of Thermoanalytical Methods for the Quantitation of Moisture Absorption by Pharmaceutical Solids.
Student: Deborah K. Moster.
10. Analysis and Pharmaceutical Quality (APQ) Award in Pharmaceutical Analysis, Summer 94
Project Title: Development of an *In Vitro* Dissolution Method Using Microdialysis Sampling Technique for Implantable Dosage Forms.
Student: Paul W. Haney.
11. Pharmaceutical Manufacturers Associations Undergraduate Research Fellowships in Pharmaceutics, 1993.
Project Title: Effects of Lyophilization on the Physical State and Release Characteristics of Drugs in Microcapsule Formulations.
Student: Steve D. Junker.
12. APQ Award in Pharmaceutical Analysis, Summer '92
Project Title: Development of a Nondestructive Method for the Analysis of Drugs in Microcapsule Formulations.
Student: Graham C. Noble.

Publications and Reports:

A. Invited Lectures/Articles:

1. Keynote Speaker at 23rd Indo-US International Conference, School of Pharmaceutical Sciences, VELS Institute of Science, Technology and Advanced Studies, Pallavaram, Chennai, Tamil Nadu, India, Liposomes and Transferosomes for the Topical Delivery of Papain in the Treatment of Hypertrophic Scars, April 3, 2023
2. Keynote Speaker at 24th Indo-US International Conference, School of Pharmaceutical Sciences, Mallige College of Pharmacy, Chikkabanavara, Bangalore, Karnataka, India, Development of polymeric nanoparticles containing a natural antioxidant (α – tocopherol) for the treatment of

- spinal cord injury, April 4, 2023.
3. Keynote Speaker at 25th Indo-US International Conference, School of Pharmaceutical Sciences, The Dale View College of Pharmacy and Research Center, Punalal, Poovachal, Thiruvananthapuram, Kerala, India, Development and Characterization of Nanoparticulate Delivery System for the Treatment of Cutaneous Melanoma, April 5, 2023.
 4. Keynote Speaker at 26th Indo-US International Conference, Sharda School of Pharmacy, Pethapur, Gandhinagar, Gujarat, India, Pre-formulation Studies on Two Novel Indole-2-Carboxamides, Highly Potent Against Nontuberculous Mycobacteria, April 6, 2023.
 5. Keynote Speaker at 27th Indo-US International Conference, Shivam Pharmaceutical Studies Research Center, Valasan, Anand, Gujarat, India Liposomes and Transferosomes for the Topical Delivery of Papain in the Treatment of Hypertrophic Scars, April 6, 2023.
 6. Expert Speaker at the International Seminar organized by University Department of Pharmaceutical Sciences, Utkal University, Vani Vihar, Bhubaneswar, Odisha, India, Nanotechnology for Cancer Therapy: Current Progress and Challenges, April 10th, 2023.
 7. Co-convener and opening remark at virtual 21st Indo-US International Conference on "Global Challenges and Current Updates in Pharmaceutical Sciences, Eluru, AP, India, November 25-26, 2022.
 8. Invited speaker at virtual 12th Indo-US Conference on "Nanotechnology in the Pharmaceutical Sphere: Contemporary Approaches and Therapeutic Applications, Gujarat, India, January 31, 2021.
 9. Invited keynote address at the Pathfinder Institute of Pharmaceutical Education & Research Warangal, Telangana. Theme: Modern Trends and Challenges in Pharmaceutical Technology and Sciences; Title: Surface Modified Solid-lipid Nanodelivery: Development, Characterization, *In Vivo* Biodistribution, and Tumor Efficacy of Paclitaxel NanomeTM (Warangal, Dec 03, 2019)
 10. Invited lecture at the Bhupal Nobles' Institute of Pharmaceutical Sciences, Bhupal Nobles' University, Udaipur, Rajasthan. Theme: Recent trends in pharmaceuticals and pharmaceutical technology; Title: Cancer Nanomedicine: Advances and challenges (Udaipur, Dec 04, 2019)
 11. Invited Speaker at the APP 7th Indo-US conference: Theme: Present Trends and Breakthroughs in Pharmaceutical Sciences; Title: Interprofessional Education, Practice and Research in the Pharmacy Curriculum in the Era of Globalization, December 5, 2019, Jaipur, Rajasthan, India.

12. Keynote address at the Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu, Vijayawada, Andhra Pradesh. Theme: Research Strategies in Pharmaceutical Technology: Updates & Prospects; Title: Advances and Challenges of Nanomedicine, (Vijayawada, December 6, 2019).
13. Invited Speaker at The University of the West Indies, Faculty of Medical Sciences St. Augustine Campus 2nd Nano Medicine Conference, Advances and Challenges of Nanomedicine, May 10, 2019, Port of Spain, Trinidad.
14. Keynote Speaker at the International Conference on Nanomedicine in Diagnosis and Theranostics in Cancer (ICNDTC 2018), March 9-11, 2018, at Utkal University Department of Pharmaceutical Sciences, Bhubaneswar, Odisha, India.
15. Invited speaker at the International Conference on Advanced Engineering and Functional Materials, Polymersomes as Drug Delivery Systems, Bhubaneswar, India, September 21-23, 2017.
16. Keynote Speaker at the 2016 Summer Research Colloquium of Health Sciences Multicultural & Community Affairs Center for Promoting Health and Health Equality, Creighton University. Title: What is Scientific Research? Why is it for me? August 5, 2016.
17. Workshop on Pharmaceutical Biotechnology & Novel Therapeutics from Biotechnology. Al-Isra University, Amman, Jordan; October 29, 2015.
18. Keynote Speaker on Nanodelivery: Development, Characterization, *In Vivo* Biodistribution, and Tumor Efficacy of Paclitaxel NanomeTM. 1st International Conference of Jordanian Faculties of Pharmacy, Al-Isra University, Amman, Jordan; October 29, 2015.
19. Zohydro and the Controversy Surrounding Its Use, Roundtable speaker for The Center for Health Policy and Ethics, Creighton University, August 20, 2014.
20. NanomeTM: A Novel Delivery System for Drug Targeting, MISR International University, Cairo, Egypt, March 14, 2013.
21. Multi-Functional Solid-lipid Nanoparticles for Drug Delivery and Targeting, Jadavpur University, February 23, 2013.
22. Surface Modified Solid-Lipid Nanodelivery: Paclitaxel NanomeTM. University of Minnesota, Department of Pharmaceutics, Minneapolis: April 4, 2013.
23. Surface Modified Solid-Lipid Nanoparticulate Delivery (Paclitaxel NanomeTM) for Breast Cancer Treatment, Greater Chicago Land AAPS Meeting, Chicago, Feb 18, 2003.
24. Nanotechnology in 21st Century Pharmaceutics, Krupanidhi College, Bangalore, India January 28th, 2013.

25. Working with an Expert Witness in Patent Litigation, Global IP conference, Bangalore, India, January 27, 2013.
26. Surface Modified Solid-lipid Nanodelivery: Development, Characterization, *In Vivo* Biodistribution, and Tumor Efficacy of Paclitaxel Nanome™, University of Nebraska Medical Center. December 7, 2012.
27. Surface Modified Solid-Lipid Nanodelivery: Development, Characterization, In Vivo Biodistribution, and Tumor Efficacy of Paclitaxel Nanome™, Department of Pharmaceutics, Faculty of Pharmacy, Kuwait University, May 23, 2012, Kuwait City, Kuwait.
28. Pharmacy Education in the Era of Globalization, Department of Pharmaceutics, Faculty of Pharmacy, Kuwait University, May 21, 2012, Kuwait City, Kuwait.
29. Importance of Science Based Foundational Courses and Critical Thinking Skills in Pharmacy Curriculum, Invited Plenary Session presenter, First International Conference, Pharmacy Education in the Era of Globalization, January 24-26th, 2012, Nizwa, Oman.
30. Surface Modified Solid lipid Nanoparticulate Delivery: Development, Characterization, *In Vivo* Biodistribution, and Tumor Efficacy of Paclitaxel Nanome™. Food and Drug Administration, Center for Drug Evaluation and Research, Office of Generic Drugs, Baltimore, MD, November 9, 2011.
31. Paclitaxel Nanome™ for Breast Cancer Treatment: Development, Characterization, *In Vivo* Biodistribution, and Tumor Efficacy, Era of Hope, Breast Cancer Meeting, 2011, Department of Defense, Orland, FL, Aug 2-5, 2011.
32. Invited Speaker at the International Symposium on Nanomedicine, BBSR, India, February 23-25, 2007. Topic: Mucoadhesive *In Situ* Gel to Nanoparticulate System in the Treatment of Breast Cancer.
33. Invited to contribute to the continuing education activity on the topic of antibiotic-associated diarrhea for the Journal *Pharmacy Times*, 2006.
34. Invited speaker at the AAPS Annual Meeting and Exposition, 2006, October 29-November 2, San Antonio, TX. Topic: Preformulation and its Importance in the Nutraceutical and Sport Supplement Formulations.
35. Invited speaker at the UNMC Department of Oncology and Hematology Grand Rounds, Omaha, NE, Jan 26, 2005. Topic: Transdermal Delivery of Antiemetics in Cancer Patients.
36. Invited to Contribute to the Annual Review Volume of Journal of Chromatography B-2002: Title: Separation Methods Capable to Reveal Blood-Brain Barrier Permeability.
37. Invited to participate in the Glaxo Wellcome Journal of *Innovation in Healthcare ODYSSEY* (Vol. 6, issue 2, 2000, pp. 58-64) Topic: Getting Therapeutic Drugs to Their Targets: Special Delivery.

38. Invited speaker at the Eastern Analytical Symposium, 2001, October 1-4, Atlantic City, NJ. Topic: Characterization of Solid-State Reaction and its Implications on the Solid-State Properties Using VTXRD, Thermal Analyses and Mass Spectrometry.
39. American Association of Pharmaceutical Sciences 10th Annual meeting, Seattle, Washington State, October 29, 1996. Development and Evaluation of a New Dissolution Method for Implantable Dosage Forms.
40. Pharmaceutical Research and Manufacturers Association Foundation Annual Awardee Meeting, Washington, D. C., February 10, 1995. Use of Microdialysis in the Development of Implantable Dosage Forms.
41. Department of Pharmaceutical and Administrative Sciences Seminar, January 18, 1995. Use of Scanning Electron Microscopy in
42. Pharmaceutical Research and Development. Agouron Pharmaceuticals, San Diego, California, November 12, 1994. Solid-State Properties and its Importance in Pharmaceutical Research.
43. College of Pharmacy, University of Nebraska Medical Center, Omaha, Nebraska, December 8, 1994. Transdermal Drug Delivery Systems.
44. Cells and Materials 1994 Meeting May 7 to May 14 at Ramada Inn, Toronto, Organized by Scanning Microscopy International: Use of SEM to Study the Effect of Surfactant on the *In Vitro* Release of Drug from Coated Particles.
45. College of Pharmacy, University of Nebraska Medical Center, Omaha, Nebraska, March 17, 1994. Methods Used in The Characterization of Solid-State Properties of Drugs and Dosage Forms.
46. Pharmaceutical Manufacturers Association Foundation Annual Awardee Meeting, Washington, D.C., January 20, 1994. Physical state of Drug in Microcapsule and Microspheres Formulations.
47. Berlex Laboratories August 3, 1993 at Wayne, NJ in association with PMA Coordinated Industry Program for Pharmacy Faculty: Characterization of Solid-State Properties of Drugs and Dosage Forms.
48. First International Conference on Pharmaceutical Sciences and Technology: Preparation and Characterization of Implantable Polymeric Drug Delivery Systems for Bone Infections, 1993, Houston, TX.
49. Scanning Microscopy 1993 Meeting May 11 to 13 at Los Angeles Airport Hilton Hotel, organized by Scanning Microscopy International: Scanning Electron Microscopic Studies of Polymeric Microspheres Used as Drug Carriers.
50. Hanson Research Corporation, May 10, 1993 at Chatsworth, Los Angeles, CA: Pros and Cons of USP Dissolution Apparatus 3.
51. Creighton University Industrial Advisory Board, November 8, 1991,

Omaha, Nebraska: Pharmaceutics and its Role in Drug Delivery Research.

B. Abstracts:

1. Johnson, K. E., **Dash, A. K.**, King, F. E. and Zimmerman, C. L., Etretinate Absorption in the Rat *In Situ* Intestinal Perfusion Model. Pharm. Res. 3(5), 60S, Oct. 1986.
2. **Dash, A. K.** and Suryanarayanan, R., Site Specific Drug Delivery to Treat Bone Infections. AAPS Midwest Meeting, Chicago, May 1989.
3. **Dash, A. K.** and Suryanarayanan, R., HPLC Analysis of Tobramycin. AAPS Fourth Annual Meeting, Atlanta, Oct. 1989.
4. **Dash, A. K.** and Suryanarayanan, R., Solid State Properties of Tobramycin. AAPS. Fourth Annual Meeting, Atlanta, Oct. 1989.
5. **Dash, A. K.** and Suryanarayanan, R., Enhanced Release of Tobramycin from Polydimethylsiloxane (PDMS) Containing Glycerol. AAPS Midwest Meeting, Chicago, May 1990.
6. **Dash, A. K.** and Suryanarayanan, R., Comparison of the *In Vitro* Release Kinetics of Tobramycin from Polymethylmethacrylate (PMMA) and Polydimethylsiloxane (PDMS) Beads. AAPS Annual Meeting, Washington, D.C., 1991.
7. **Dash, A. K.**, A Simple HPLC Method for the Analysis of Tolnaftate in Pharmaceutical Formulations, AAPS Annual Meeting, San Antonio, TX, 1992.
8. **Dash, A. K.**, *In Vitro* Release of Valproic Acid from Coated Particles, AAPS Annual Meeting, San Antonio, TX, 1992.
9. **Dash, A. K.**, Khin-Khin, A. and Suryanarayanan, R., An X-Ray Powder Diffractometric Method for Quantification of Crystalline Drug in Microcapsules. AAPS Annual Meeting, San Antonio, TX, 1992.
10. Rossi, A. F., Ichwan, A. M. and **Dash, A. K.**, Development and Evaluation of a Sustained Release Topical Benzocaine Formulation. AAPS Annual Meeting, Orlando, FL, 1993.
11. **Dash, A. K.**, A Simple LC Method for the Analysis of Pseudoephedrine HCL in Pharmaceutical Formulations. AAPS Annual Meeting, Orlando, FL, 1993.
12. Junker, S. D. and **Dash, A. K.**, Study of the Physical State of the Drug in Tolnaftate Microspheres and its Effect on *In Vitro* Release. AAPS Annual Meeting, Orlando, FL, 1993.
13. Ndyetabula, W. A., Ichwan, A. M. and **Dash, A. K.**, Effect of Surface Tension of the Dissolution Medium on the Release Characteristics of Drug from Coated Particles. AAPS Annual Meeting, Orlando, FL, 1993.

14. **Dash, A. K.** Khin-Khin, A. and Suryanarayanan, R., Quantification of Crystalline Drug Content in Microspheres by X-Ray Powder Diffractometry and Differential Scanning Calorimetry. AAPS Annual Meeting, Orlando, FL, 1993.
15. **Dash, A. K.,** Karimi, M., Use of Gelatin-Acacia Coacervate Containing Benzocaine in Topical Formulation. AAPS Annual Meeting, San Diego, CA, 1994.
16. **Dash, A. K.,** An Ion-Pair Chromatographic Method for the Analysis of Mafenide Acetate. AAPS Annual Meeting, San Diego, CA, 1994.
17. **Dash, A. K.,** Haney, P. W., Preparation and Characterization of Rectal Mesalamine Formulation Containing a Bioadhesive. AAPS Annual Meeting, San Diego, CA, 1994.
18. **Dash, A. K.,** Haney, P. W., Development of an *In Vitro* Dissolution Method Using Microdialysis Sampling Techniques for Implantable Dosage Forms. AAPS Annual Meeting, San Diego, CA, 1994.
19. **Dash, A. K.,** Use of Microdialysis in the Development of Implantable Dosage Form, Pharmaceutical Research and Manufacturers Association Foundation Annual Awardee Meeting, Washington, D.C., 1995.
20. **Dash, A. K.,** Thirucote, R. and Tyle, P., Solid-State Characterization of AG337, a Novel Antitumor Drug. The Sixth International Symposium on Pharmaceutical and Biomedical Analysis, St. Louis, Missouri, 1995.
21. **Dash, A. K.,** Haney, P. W., Effect of Carbopol on the Stability of 5-Aminosalicylic Acid in Phosphate Buffer. AAPS Annual Meeting, Miami Beach, FL, 1995.
22. **Dash, A. K.,** Haney, P. W., A Simple LC Method for the Analysis of 5-Aminosalicylic Acid and its Degradation Product. AAPS Annual Meeting, Miami Beach, FL, 1995.
23. **Dash, A. K.** and Moster, D., Utilization of Thermoanalytical Methods for the Quantitation of Moisture Absorption by Pharmaceutical Excipients. AAPS Annual Meeting, Miami Beach, FL, 1995.
24. **Dash, A. K.** Gong Z. and Wong, S-T., Preparation & Characterization of a Rectal Nicotine Formulation Containing a Bioadhesive. AAPS Annual Meeting, Seattle, Washington, 1996.
25. **Dash, A. K.** and Wong, S-T., A Simple LC Method for the Analysis of Nicotine in Pharmaceutical Formulations. AAPS Annual Meeting, Seattle, Washington, 1996.
26. **Dash, A. K.,** Development and Evaluation of a New Dissolution Method for Implantable Dosage Forms. AAPS Annual Meeting, Seattle, Washington, 1996.
27. **Dash, A.K.,** D.W. Miller, and Z. Gong, Effect of Formulation Additives on Nicotine Absorption in Caco-2 Cells. Scanning Microscopy 1997 Meeting, Chicago, IL, 1997.

28. Kondo, L., Parker, T., Destache, J., Pakiz, C.B., Larson C. and **Dash, A. K.**, The Role of Nitric Oxide in a Rabbit Model of *Streptococcus Pneumoniae* (STP) Meningitis, and its Effects on a CSF Cytopathology, Creighton University School of Pharmacy &AHP Poster Session, Spring 1997.
29. **Dash, A. K.**, Mizo, D. and Ng, R. Effect of Moisture on the Hardness and Disintegration Time of Various Calcium Carbonate Tablets, Creighton University School of Pharmacy & AHP Poster Session, Spring 1997.
30. **Dash, A.K.**, Halbur, S. and Meimand, D., A Simple LC Method for the Analysis of Ceftriaxone, AAPS Annual Meeting, Boston, MA, 1997.
31. Destache, J., Pakiz, C.B., Larsen C. and **Dash, A. K.**, Cytopathology and Nitric Oxide (NO) Concentrations in an Experimental Model of *Streptococcus pneumonia*, AAPS Annual Meeting, Boston, MA, 1997.
32. **Dash, A. K.**, Miller, D., Gong, Z. and Han, H-Y, Effect of Bioadhesives on Nicotine Flux in Caco-2 Cell Monolayers, AAPS Annual Meeting, Boston, MA, 1997.
33. **Dash, A. K.**, and Zhao, P, Development of An Implantable Drug Delivery System for Targeted Local Delivery of Anticancer Drug, AAPS Annual Meeting, San Francisco, CA, 1998.
34. **Dash, A. K.**, and Lori, P, Effect of Penetration Enhancers on the Transport of Nicotine Through Polymeric Membranes, AAPS Annual Meeting, San Francisco, CA, 1998.
35. Izuegbunam.B. C., Nguyen, E. H., Fausett, H., Gayser Jr., C and **Dash, A. K.**, Development and Evaluation of Quick Release Calcium Carbonate Tablets, AAPS Annual Meeting, New Orleans, LA, 1999.
36. Pham, H. H., Luo, P., Genin, F., and **Dash, A. K.**, Preparation and Characterization of Hydroxyapatite Microspheres Containing Ciprofloxacin, AAPS Annual Meeting, New Orleans, LA, 1999.
37. **Dash, A.K.**, Miller, D. W., Huai-Yan, H., Stout, J. R. and Carnazzo, J., Evaluation of the Creatine Monohydrate Permeability Using Caco-2 Monolayers as an *In Vitro* Model for Intestinal Absorption, AAPS Annual Meeting, New Orleans, LA, 1999.
38. Destache, C. J., Pakiz, C. B., Larsen, C., Owens, H. and **Dash, A. K.**, Levofloxacin Penetration into CSF Using Microdialysis in a Rabbit Model of Pneumococcal Meningitis, AAPS Annual Meeting, New Orleans, LA, 1999.
39. Johnson, C, Moore, R. and **Dash, A. K.**, Effect of Milk and Other Additives on The Stability of Probiotics in Simulated Gastric Fluid, AAPS Annual Meeting, New Orleans, LA, 1999.
40. Mo, Y., Carnazzo, J. and **Dash, A.K.**, Solid-State Properties of

- Creatine Monohydrate, AAPS Annual Meeting, New Orleans, LA, 1999.
41. Cudworth II, C. and **Dash, A. K.**, Acetic Acid Ester of Monoglycerides as a Suppository Base with Unique Properties, AAPS Annual Meeting, New Orleans, LA, 1999.
 42. Fan, H. and **Dash, A. K.**, *In Vitro* Release of Doxorubicin from Biodegradable Implants, AAPS Annual Meeting, New Orleans, LA, 1999.
 43. Owens, H., Destache, C. J., Pakiz, C. B., Larsen, and **Dash, A. K.** Study of the BBB Permeability Characteristics of Various Antibiotics in an Experimental Rabbit Meningitis Model, Creighton University School of Pharmacy &AHP Poster Session, Spring 1999.
 44. Nguyen, D., Khieu, K. and **Dash, A.K.**, Formulation and Evaluation of a Tablet Dosage Form for a Natural Product (Fenugreek), Creighton University School of Pharmacy &AHP Poster Session, Spring 2000.
 45. Nguyen, M., Phothiyane, K. and Dash, A. K., Evaluation and Enhancement of the Stability of an Anti-Cataract Solution, Creighton University School of Pharmacy & AHP Poster Session, Spring 2000.
 46. Chock, A.W.Y., Miller, D. W., Huai-Yan, H., Stout, J. R., Carnazzo, J., **Dash, A. K.**,The Permeability of Creatine Monohydrate Through Caco-2 Monolayers, Creighton University School of Pharmacy &AHP Poster Session, Spring 2000.
 47. Leighr, J., Neary, P. and **Dash, A. K.**, The Past, Present and Future of Insulin Dosage Forms, Creighton University School of Pharmacy & AHP Poster Session, Spring 2000.
 48. Pham, H. H., Luo, P., Genin, F. and **Dash, A. K.**, Preparation and Characterization of Hydroxyapatite Implants Containing Ciprofloxacin, Creighton University School of Pharmacy &AHP Poster Session, Spring 2000.
 49. Nguyen, H. and **Dash, A. K.**, The *In Vitro* Release of Nicotine from Two Suppositories Bases, Creighton University School of Pharmacy &AHP Poster Session, Spring 2000.
 50. Pham, H. H., Luo, P., Genin, F. and **Dash, A. K.**, Preparation and Characterization of Novel Drug Delivery Implants for the Treatment of Bone Infections, Sixth World Biomaterials Congress, May 15-20, 2000, Hawaii, USA.
 51. Mo Y., and Dobberpuhl, D. and **Dash, A. K.**, A Simple HPLC Method with Pulsed EC Detection for the Analysis of Creatine and Creatinine in Aqueous and Biological Samples, AAPS Annual Meeting, Indianapolis, IN, 2000.
 52. Nguyen, D. and **Dash, A. K.**, Use of Maltodextrin and Calcium Carbonate Granules in the Formulation of a Tablet Dosage Form for Fenugreek, AAPS Annual Meeting, Indianapolis, IN, 2000.

53. **Dash, A. K.**, Characterization of Solid-State Reaction and its Implications on the Solid-State Properties Using VTXRD, Thermal Analyses and MS, Eastern Analytical Symposium, 2001, October 1-4, Atlantic City, NJ.
54. Okpalaeze, G., Okogbaa, J. and **Dash, A. K.** Usefulness of A-Tab and Di-Tab in Direct Compressed Herbal Formulation. AAPS Annual Meeting, Denver, Colorado, 2001.
55. Mo, Y., Pyne, A. and **Dash, A. K.** Thermal Decomposition of Creatine Monohydrate. AAPS Annual Meeting, Denver, Colorado, 2001.
56. **Dash, A. K.**, A Simple LC Method with UV Detection for the Analysis of Creatine and Creatinine in Formulations. AAPS Annual Meeting, Denver, Colorado, 2001.
57. Okpalaeze, G., Okogbaa, J., Gayser, C. and **Dash, A. K.**, Use of Ditect Compressed Dried Honey and Molasses in Masking the Strong Odor of Nutraceutical. AAPS Annual Meeting, Denver, Colorado, 2001.
58. Chigurupati, N., Lani, S., Gayser C. and **Dash, A. K.**, Evaluation of Red Cabbage Dye as a Potential Natural Color for Pharmaceutical Use. AAPS Annual Meeting, Denver, Colorado, 2001.
59. Ganguly, S. and **Dash A. K.**, Development of a Novel Biodegradable Gel System for Oral Drug Delivery, Pharmacy Student Research Conference- Western Region; Denver, Colorado, May 31-Jun01, 2002.
60. Ganguly, S. and **Dash A. K.**, Evaluation of the Solution Stability of Creatine in Large Volume Creatine Supplement Formulations, American Association of Pharmaceutical Scientists Annual Meeting, Toronto, Ontario, Canada, 2002.
61. Ganguly, S. and **Dash A. K.**, Development of a Novel *In Situ* Gel System for Oral Drug Delivery, American Association of Pharmaceutical Scientists Annual Meeting, Toronto, Ontario, Canada, 2002.
62. Adeyemi, O.E., Boyce, A., Saini, T. and **Dash, A.K.**, Development of Novel Polyantibiotic Local Delivery System for Intracrevicular Medication, American Association of Pharmaceutical Scientists Annual Meeting, Salt Lake City, UT, 2003.
63. Ganguly, S. and **Dash, A.K.** Effect of Cross-linking on the In Vitro Release and Water Uptake in an *In Situ* Gel Delivery System, American Association of Pharmaceutical Scientists Annual Meeting, Salt Lake City, UT, 2003.
64. Ganguly, S., Jayappa, S., Baisa, M. and **Dash, A.K.**, Preparation and Characterization of Solid Dispersion of Creatine in Polyethylene Glycol, American Association of Pharmaceutical Scientists Annual

- Meeting, Salt Lake City, UT, 2003.
65. Ganguly, S. and **Dash, A.K.**, Development of a Sustained Release *In Situ* Gel Delivery System, American Association of Pharmaceutical Scientists Annual Meeting, Salt Lake City, UT, 2003.
 66. Amole, O. and **Dash, A.K.**, Development of a Foam-Film Formulation the Treatment of Burns, Creighton University Summer Research Colloquium, August 5, 2004.
 67. Kosoko, A. and **Dash, A.K.**, Dissolution Profiles of NSAID with Different Partition Coefficients, Creighton University Summer Research Colloquium, August 5, 2004.
 68. Jauhari, S. and **Dash, A.K.**, Formulation and Evaluation of an Antibacterial Foam-Film System, AAPS Annual Meeting and Exposition 2004, Baltimore, MD, November 7-11, 2004.
 69. Jauhari, S. and **Dash, A.K.**, A Mucoadhesive *In Situ* Gel Delivery System for Paclitaxel, AAPS Annual Meeting and Exposition 2004, Baltimore, MD, November 7-11, 2004.
 70. Jauhari, S., Dey, B. and **Dash, A.K.**, Mechanism of Chemotherapy and Development of a Novel *In Situ* Gel Drug Delivery System for the Treatment of Colon Cancer, University of Nebraska Medical Center, July 19, 2004.
 71. Saini, T.S., Adeyemi, E., Boyce, A., **Dash, A.K.**, and Parrish, L., An *In Situ* Gel Delivery System for Intracrevicular Medication (Poster # 2423), Annual meeting IADR/AADR/CADR, March 12, 2004, Honolulu, Hawaii.
 72. Fernandes, P., Maniar, M. and **Dash, A. K.**, Preformulation Development of a Parenteral Formulation for ON 01210. Na, a Radioprotectant, AAPS Annual Meeting and Exposition 2005, Nashville, TN, November 6-10, 2005.
 73. Fernandes, P., Maniar, M. and **Dash, A. K.**, Preformulation Development of a Parenteral Formulation for ON 01210.Na, a Radioprotectant, AAPS Annual Meeting and Exposition 2005, Nashville, TN, November 6-10, 2005.
 74. Pathak, K., Jauhari, S. Saini, T. and **Dash, A. K.**, Chitosan-hydroxyapatite Drug Delivery System in Root Canal Filling and Delivery. AAPS Annual Meeting and Exposition 2005, Nashville, TN, November 6-10, 2005.
 75. Samineni, D., Pathak, K., Silberstein, P. T., and **Dash, A. K.**, *In Vitro* Evaluation of Antiemetic Topical Gel Formulations in Cancer Chemotherapy AAPS Annual Meeting and Exposition 2005, Nashville, TN, November 6-10, 2005.
 76. Jauhari, S. Kaushal, S. and **Dash, A. K.**, Development and Characterization of a Sustained release Albendazole Delivery System for Colonic Delivery, AAPS Annual Meeting and Exposition 2005,

Nashville, TN, November 6-10, 2005.

77. Jauhari, S. Kaushal, S. and **Dash, A. K.**, A Simple LC Method for the Determination of Diethylcarbamazine Citrate, AAPS Annual Meeting and Exposition 2005, Nashville, TN, November 6-10, 2005.
78. Trickler, W.J., Nagvekar, A.A., and **Dash, A.K.** *In Vitro* Biological Evaluation of a Surface-Modified Mucoadhesive Nanoparticulate Paclitaxel Delivery System for Breast Cancer Therapy, AAPS Annual Meeting and Exposition 2006, San Antonio, TX, October 29- November 2, 2006.
79. Trickler, W.J., Nagvekar, A.A., and **Dash, A.K.**, A Novel Surface-Modified Nanoparticulate Formulation for Sustained Drug Delivery and Targeting, AAPS Annual Meeting and Exposition 2006, San Antonio, TX, October 29-November 2, 2006.
80. Trickler, W.J., Nagvekar, A.A., and **Dash, A.K.**, Comparison of the Bio-Adhesive and Cellular Uptake Properties of Surface-Modified Nanoparticles, AAPS Annual Meeting and Exposition 2006, San Antonio, TX, October 29-November 2, 2006.
81. Pathak K., Saini, T. and **Dash, A.K.**, A Sustained-Release Local Drug Delivery System for Root Canal Filling, AAPS Annual Meeting and Exposition 2006, San Antonio, TX, October 29-November 2, 2006.
82. Nagvekar, A.A, Trickler, W.J, and **Dash, A.K.**, Development and Characterization of Nanoparticulate Delivery System for the Radioprotectant Drug Amifostine, AAPS Annual Meeting and Exposition 2006, San Antonio, TX, October 29-November 2, 2006.
83. Trickler, W.J., and **Dash, A.K.**, Gemcitabine Nanoparticles Consisting of Chitosan and Glycerol Monooleate for Pancreatic Cancer Treatment. AAPS Annual Meeting and Exposition 2007, San Diego, CA, November 9-November 15, 2007.
84. Trickler, W.J., Nagvekar, A.A., and **Dash, A.K.**, The Cellular Uptake and Sub-Cellular Localization of a Novel Nanoparticle Formulation for Breast Cancer Therapy. AAPS Annual Meeting and Exposition 2007, San Diego, CA, November 9-November 15, 2007.
85. Trickler, W.J., and **Dash, A.K.**, *In Vivo* Human Breast Cancer Comparison of the Effectiveness of Local Delivery Versus Systemic Administration of Novel Paclitaxel Nanoparticles. AAPS Annual Meeting and Exposition 2007, San Diego, CA, November 9-November 15, 2007.
86. Nagvekar, A.A., Trickler, W.J., and **Dash, A.K.** Optimization of Nanoparticulate Sustained Drug Delivery Systems for Protection from Radioactive Exposure. AAPS Annual Meeting and Exposition 2007, San Diego, CA, November 9-November 15, 2007.
87. **Dash A.K.** and Trickler W.J., Novel *In Situ* Gel Drug Delivery System for Breast Cancer Treatment, Era of Hope, Department of

- Defense Breast Cancer Research Meeting 2008, June 25-28,
Baltimore Convention Center, Baltimore, Maryland.
88. Jain, N., Munt, D., Trickler, W.J., and **Dash, A.K.** Preparation and Characterization of Melatonin and Amifostine Nanoparticles for Radioprotective Therapy. AAPS Annual Meeting and Exposition 2008, Atlanta, GA, November 16-November 20, 2008.
 89. Khurana, J., Trickler, W.J., Barr, C. and **Dash, A.K.** Fortified Orange Juice Affects the Trans-Epithelial Transport of Ciprofloxacin and Doxycycline. AAPS Annual Meeting and Exposition 2008, Atlanta, GA, November 16-November 20, 2008.
 90. Khurana, J., Trickler, W.J., Barr, C., Sahoo, S. and **Dash, A.K.** Development and Characterization of Polymeric Nanoparticulate Delivery Systems for Hydrophilic Drug: Gemcitabine. AAPS Annual Meeting and Exposition 2008, Atlanta, GA, November 16-November 20, 2008.
 91. Trickler, W.J. and **Dash, A.K.** The *In Vivo* Biodistribution and Tumor Efficacy of Paclitaxel Nanome™. AAPS Annual Meeting and Exposition 2008, Atlanta, GA, November 16-November 20, 2008.
 92. Jain, N., Khurana, J. and **Dash, A.K.**, Development and Validation of a HPLC Method for Ciprofloxacin Hydrochloride to Establish a Beyond-use Date in Oral Suspension. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.
 93. Jain, N., Nagvekar, A., Pandit, A., and **Dash, A.K.** Development and Validation of a HPLC Method for Clonidine Hydrochloride to establish a Beyond-use Date in Oral Suspension. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8- November 12, 2009.
 94. Khurana, J., Beeson, T., Stanley, A., **Dash, A.K.** The effects of various additives and set accelerators on the physical and set properties of Mineral Trioxide Aggregate (MTA). AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8- November 12, 2009.
 95. Jain, N., Hulce, M., Fusaro, R.M., Trickler, W.J. and **Dash, A.K.** Evaluation of the Permeability Characteristics of Lawsone and Juglone via Shed Snake Skin. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.
 96. Jain, N., Trickler, W. J., Munt, D. J., and **Dash, A. K.** Co-formulation of Melatonin and Amifostine Nanoparticles with Enhanced Radioprotection. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.
 97. Trickler, W.J., Munt, D., Silber, M., Yusuf, T. and **Dash, A.K.** *In Vitro* cellular accumulation, transport and toxicity of Methylglyoxal. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.

98. Munt, D.J., Silber, M., Yusuf, T., **Dash, A.K.** Evaluation of the Cytotoxicity of Methylglyoxal in Normal and Cancerous Cell Lines. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.
99. Trickler, W.J., Nagvekar, A.A., and **Dash, A.K.** An *In Vitro* Evaluation of Fluorescent Nanoparticles and Their Sub-Cellular Localization. AAPS Annual Meeting and Exposition 2009, Los Angeles, CA, November 8-November 12, 2009.
100. Trickler, W.J. and **Dash, A.K.** Development, Characterization, In vivo Biodistribution and Tumor Efficacy of Paclitaxel Nanome™. 11th Annual NIH SBIR/STTR Conference, Omaha, NE, June 30-July 1, 2009.
101. Destache, C., Belgum, T., Shibata, A. And **Dash, A.K.**, *In Vivo* Levels of Ritonavir (RTV), lopinavir (LPV), Efavirenz (EPV) Over Time After Intraperitoneal (IP) Injection of Antiretroviral (AR) PLGA Nanoparticles. Inter Science Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, September 2009.
102. Pandit, A., Mistry, P., Dib, P., Nikolaidis, A., **Dash, A.K.**, Equilibrium Solubility Studies of Creatine Nitrate, Creatine Monohydrate and Buffered Creatine. AAPS Annual Meeting and Exposition 2010, New Orleans, LA, November 14-November 18, 2010.
103. Pandit, A., Mistry, P., Dib, P., Nikolaidis, A., **Dash, A.K.**, Chemical Stability of Creatine Nitrate, Creatine Monohydrate and Buffered Creatine in Solution. AAPS Annual Meeting and Exposition 2010, New Orleans, LA, November 14-November 18, 2010.
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 126. Dhapare, S., **Dash, A.K.**, Preparation and Characterization of Dual Function Nanoparticles Intended for Targeting Cancer Stem Cells, St. Albert's Day Student Research Forum, Creighton University, March 26, 2013.
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177. Dash, S., **Dash, A.K.** and Singh, S. *In Situ* Metronidazole Gel Delivery for the Treatment of Jawbone Infections. AAPS PharmSci360 October 26-November 5, 2020 (virtual).
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187. Rajdeo, P. and **Dash, A.K.** Novel Abuse-Deterrent Tablet to Combat Opioid Abuse: A Hot Melt Extrusion Approach. AAPS PharmSci360, Orlando, FL, October 22-25, 2023.
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189. Agrawal, S. and **Dash, A.K.** Repurposing Neratinib for the treatment of triple-negative breast cancer by nanocrystals formulation approach. AAPS PharmSci360, Orlando, FL, October 22-25, 2023.
190. Pansare, S. **Dash, A.K.**, and Tolman, J. Enhancing Aqueous Solubility of BCS Class II Drugs Through a Dual Approach of Salt Formation and Amorphous Solid Dispersion. AAPS PharmSci360, Orlando, FL, October 22-25, 2023.
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C. Thesis/Dissertation:

- Dash, A. K.:** Studies on the utilization of rice bran wax in modern dermatological formulations, M. Pharm. Thesis, Jadavpur University, November 1983.
- Dash, A. K.:** Development of implantable polymeric drug delivery systems to treat bone infections, Ph.D. Thesis, University of Minnesota, December 1990.

D. Peer Reviewed Articles:

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3. **Dash, A. K.** and Suryanarayanan, R., An Implantable Dosage Form for the Treatment of Bone Infections, *Pharm. Res.*, 9 (1992) 993-1002.
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 17. Ichwan A. M., Karimi, M. and **Dash, A. K.**, Use of Gelatin-Acacia Coacervate Containing Benzocaine in Topical Formulations, *J. Pharm. Sci.* 88 (1999) 763-766.
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H. Other Products of Scholarly Activity:

Reviewer for the following journals:

AAPS PharmSciTech
American Journal of Hospital Pharmacy
Analytica Chimica Acta
Biotechnology Progress
Biopharmaceutics and Drug Disposition
Cells and Materials
Current Pharmaceutical Analysis
Indian Journal of Pharmaceutical Research
International Journal of Pharmaceutical Compounding
International Journal of Pharmaceutics
Journal of Biotechnic & Histochemistry
Journal of Chromatography A
Journal of Chromatography for Biomedical Application
Journal of Controlled Release
Journal of Molecular Liquids
Journal of Nanomedicine
Journal of Pharmaceutical and Biomedical Analysis
Journal of Pharmaceutical Research
Journal of Pharmaceutical Sciences
Molecular Pharmaceutics
Nanomedicine
Neurochemical Letters
Pharmaceutical Development and Technology
Pharmaceutical Research
Translational Cancer Research

Moderated two sessions at the 10th annual meeting of the AAPS in Seattle, WA, and October 26-31, 1996.

Moderator Short course in Preformulation in Pharmaceutical Industry AAPS

Alekha K. Dash, R.P.,Ph.D.

Annual Meeting and Exposition, November 5-6, 2005, Nashville, TN.

Moderator When Taking Medication is Sin: Religious Traditions and Presence of
Animal Products in Medications Conference, Center for Ethics and Health
Care Policy, Creighton University Medical Center, November 4, 2005.

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