

EXPERIENCE

Yale University – Yale-New Haven Hospital, *New Haven, CT* **6/2014 – present**
PGY 2/3 Resident – Internal Medicine

- Senior resident with direct patient care responsibilities
- Rotations in all medical subspecialties including significant experience in hematology, oncology, and intensive care
- Leadership experience as team leader of inpatient teams

Yale University, New Haven, Connecticut **7/2013 – 6/2014**
Postdoctoral Associate – Immunobiology/Immuno-oncology - PI: Lieping Chen MD PhD

- Research & development of cancer immunotherapy centered around anti-PD1/anti-PDL1 antibody technology
- Worked directly with the scientist who developed anti-PDL1 antibody
- Experience with animal models, cell culture, antibody synthesis, immunofluorescence, study design, data analysis
- Designed and conducted experiments in metastatic melanoma models to convert non-responders to responders using other immunomodulatory molecules as well as antibodies such as CTLA-4 inhibitors
- Designed and conducted novel experiments to use inhaled IL-2 in conjunction with anti-PDL1 in the treatment of lung cancer and lung metastases

Yale University – Yale-New Haven Hospital, *New Haven, CT* **6/2012 – 7/2013**
PGY 1 Resident – Internal Medicine

- Direct patient care in a team approach at a 1000+ bed tertiary care facility

WBB Securities, Clark, NJ **4/2011 – present**
Medical Consultant – Biotech, Pharma, Med Device (boutique investment bank and equity research)

- Work with senior bankers and provide medical/scientific expertise for validation of products/companies
- Collaborate in writing of articles and published research reports and reports evaluating companies

Example Experience: Stem Cell Company (220M Mkt Cap):

- Researched industry/company, made attractiveness determinations; conducted due-diligence, created a strategic plan as a team: led to 10M equity financing to expand R&D, acquisition of related company (26M deal)

University of Pennsylvania, Philadelphia, PA **5/2011 – 5/2012**
Faculty, NRSA Postdoctoral Fellow – Oncology, Manager – Center for Acute Radiation Research

- Studied the effects of radiation under a multi-million dollar NASA grant, implications ranged from oncology and radiation safety to space travel, lead research proving extent of skin damage due to space radiation
- Member of a photodynamic therapy (PDT) research core team at Penn Mesothelioma and Pleural Program, studied cancer treatment using light therapy and photosensitizers, first author on preclinical trial helping validate PDT with chemotherapy
- Independently designed experiments using large mammal models, collaborated interdepartmentally for implementation

Merrill Lynch, Wilkes-Barre, PA **8/2006 – 5/2007**

- Global Private Client - analyses/restructuring for individual/institutional investors (1-100M), client recruitment
 - Reported directly to VP
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LEADERSHIP

- **Project Manager** for a pharmacogenomics company- **Penn Biotech Group** consulting project (Spring 2012)
 - Conducted teaching workshops on medical techniques/procedures at Penn (4-8 participants)
 - **Co-President of Penn Graduate Consulting Group** (2011/2012) – strategic planning, worked with recruiters from a top 3 consulting firm to increase advanced degree candidate recruiting at Penn; hosted a case competition in 6/2012
 - Developed & presented a business plan for a Penn/CHOP venture - **Penn Biotech Group Consulting project** (Fall 2011)
 - **Founder & President of Drexel Med Running Club** (became largest student club)
 - **NCAA varsity tennis**, 2-time conference finalists, 2-time semi-finalists, won 6 related awards in 4 years (2003-2007)
 - Started and ran a **tennis racquet stringing business** (2004-2007)
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EDUCATION

Drexel University College of Medicine [Doctor of Medicine - MD], Philadelphia, Pennsylvania **8/2007 – 5/2011**

- **Honors** in all clerkships: internal medicine, psychiatry, family medicine, pediatrics, obstetrics & gynecology, surgery
- **Honors** in 5 MS-IV rotations: orthopaedic surgery research, internal medicine, neurology, pediatrics, radiation oncology

Wilkes University [Bachelor of Business Administration - BBA], Wilkes-Barre, Pennsylvania **8/2003 – 5/2007**

- Concentration in economics. Minors in economics, biology and chemistry. TA in economics
 - GPA: **3.80/4.00**, honors (**Summa Cum Laude**); Gave **commencement address** (May 2007). SAT 1370
 - Received scholarship and awards for athletics, leadership, and volunteerism
 - Summer internship at **Commonwealth Telephone Enterprises** in management services
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PUBLICATIONS

- Aronberg RM, **Punekar SR**, Adam SI, Judson BL, Mehra S, Yarbrough WG. Esophageal perforation caused by edible foreign bodies: a systematic review of the literature. *Laryngoscope*. 2015 Feb;125(2):371-8.
 - “Preclinical Evaluation of Cetuximab and Benzoporphyrin Derivative-Mediated Intraperitoneal Photodynamic Therapy in a Canine Model”. Pending first author publication. University of Pennsylvania, Philadelphia, Pennsylvania 2011-2012.
 - Friedberg JS, Culligan MJ, Mick R, Stevenson J, Hahn SM, Sterman D, **Punekar S**, et al. Radical pleurectomy and intraoperative photodynamic therapy for malignant pleural mesothelioma. *The Annals of thoracic surgery*. 2012;93(5):1658-67.
 - Brozak, Stephen, **Salman Punekar**, and Emad Samad. "A Case for Accelerating Regenerative Medicine." *ABC News*. ABC News Network, 02 Apr. 2012.
 - Chowdhury N, Toth R, Chappelow J, Kim S, Motwani S, **Punekar S**, et al. Concurrent segmentation of the prostate on MRI and CT via linked statistical shape models for radiotherapy planning. *Med Phys*. 2012;39(4):2214-28.
 - **Punekar S**, Zak S, Kalter VG, Dobransky L, Punekar I, Lawler JW, et al. Thrombospondin 1 and its mimetic peptide ABT-510 decrease angiogenesis and inflammation in a murine model of inflammatory bowel disease. *Pathobiology*. 2008;75(1):9-21.
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POSTER PRESENTATIONS

- **Punekar, S, Chia, D**: *Metastatic Prostate Cancer Presenting as a Solitary Brain Lesion*. Waterbury Research Day, Waterbury, CT 2013.
 - **Punekar, S, Schwartz, J**: *Palmoplantar Hidradenitis After Hot Tub Use*. Society of General Internal Medicine – New England Meeting, New Haven, CT 2013.
 - **Cengel, KA, Punekar, S, Diffenderfer, ES, Gridley, D, Wroe, A, Weissman, D, Kennedy AR**: *Skin Toxicity of Solar Particle Event Radiation: Dependence on Dose-Distribution Rather than Particle Identity*. NASA Human Research Program Meeting, Houston, TX 2012.
 - **Cengel, K, Yendamuri, S, Demmy, T, Culligan, M, Schofield, M, Smith, D, Punekar, S, Sterman, D, Stevenson, J, Busch, T Glatstein, E, Hahn, S, Friedberg, J**: *Qualitative And Quantitative Differences in the Toxicity Of HPPH-Mediated PDT with a 24 Versus 48-Hour Drug Light Interval: Moving from the Bedside to the Bench and Back*. SPIE Photonics West, San Francisco, CA 2012.
 - **Ciancio, N, Punekar, S, Kalter, V, Gutierrez, L**: *Effects of ABT-510, A Thrombospondin 1-derived Compound in a Model of Inflammatory Bowel Disease*. Pennsylvania Academy of Science; Camp Hill, PA 2006.
 - **Shepherd, P, Punekar, S, Ciancio, Ns, Gutierrez, L**: *Thrombospondin 1 in Ulcerative Colitis-Associated Dysplasia*. Pennsylvania Academy of Science; Camp Hill, PA 2006.
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RESEARCH EXPERIENCE

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| • Esophageal Perforation Secondary to Edible Objects: Case Report and Literature Review
Yale University, New Haven, Connecticut | <i>3/2013 – 2/2015</i> |
| • Preclinical Evaluation of Cetuximab and BPD-Mediated Intraperitoneal PDT Therapy in a Canine Model
Pending first author publication. University of Pennsylvania, Philadelphia, Pennsylvania | |
| • Radiation-Induced Dysphagia after Radiation for Head and Neck Cancers
Saint Peter’s University Hospital, Department of Radiation Oncology, New Brunswick, NJ | <i>12/2010 – present</i> |
| • Nerve Tensile Strength Using Conduit Stents
University of Rochester Medical Center, Department of Orthopaedic Surgery, Rochester, New York | <i>8/2010 – 9/2010</i> |
| • Assessing the Value of Temporal Artery Biopsies in Suspected Giant Cell Arteritis
Saint Peter’s University Hospital, Department of Surgery, New Brunswick, New Jersey | <i>10/2009 – 6/2010</i> |
| • Analyzing Preceptor Teaching Models: WHCS’s Family Practice Residency Program
Prepared and presented at Wyoming Valley Health Care System, Wilkes-Barre/Kingston, Pennsylvania | <i>1/2007 – 5/2007</i> |
| • Effects of Nicotine in the Progression of UC/TSP-1 Modifies the Outcome of UC
Wilkes University, Department of Biology, Wilkes-Barre, Pennsylvania | <i>1/2004 – 5/2007</i> |
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ADDITIONAL EXPERIENCE

- Conducting cost-benefit analysis to support development of oncology urgent care at **Smilow Cancer Center** (Yale - 2015)
- Published article in **ABC News**: “When Stem Cells Harm: A Case for Accelerating Regenerative Medicine” (4/2012)
- Worked for **USMLEWorld** to create US medical licensing examination Step 1 & 2 prep material (1/2011 – 7/2013)
- **Biotechnology Commercialization Course** at Penn (Spring 2012)
- Finalist in Greater Valley Technology Alliance **Business Plan Competition** (2005)
- **Washington DC Marathon** Finisher (2015)