

Aaron A. Cohen-Gadol, MD, MSc, MBA

355 W. 16th Street, Suite 5100 Indianapolis, IN 46202
acohenmd@gmail.com • (317) 362-8760
www.linkedin.com/in/AaronCohen-Gadol

PROFESSIONAL SUMMARY

Focused and enthusiastic surgeon-leader who:

- **Practices mindfulness**
- **Is an inspiring influence**
- **Encourages collaboration/consensus building**
- **Builds a positive culture based on trust and transparency**
- **Has advanced technical skills**
- **Problem-solves creatively to ensure exemplary patient-centered care**

I am an established innovator in education, clinical research, and leadership who thrives on creating a legacy of excellence, mentorship, and efficiency. I aim to collaboratively support a competitive neuroscience service line model for value-based care.

EXECUTIVE EXPERIENCE

Director, Neurosurgical Oncology and Its Fellowship 2015–Present

- Founded the neurosurgical oncology fellowship, **consistently one of the most competitive fellowship positions in the country, and have trained and mentored 7 fellows, 4 of whom are in a leadership academic position**
- Mentor the neurosurgical faculty involved with the tumor section
- Recognized as the trusted colleague who can assist other surgeons with complex procedures
- Use in-depth understanding of the day-to-day workings of a large privademic neurosurgery group to manage work culture, operational finances, and patient outcome metrics

President and CEO, *Neurosurgical Atlas* 2008–Present

- Founded the *Neurosurgical Atlas*, **the benchmark and most influential operative atlas of its kind in the world, with more than 53,000 members and 2,800 views/day**
- Chief administrator of the *Neurosurgical Atlas*
- Lead the entire team on all tasks
- The *Journal of Neurosurgery* and *Neurosurgery/Operative Neurosurgery* link/use this atlas as the most credible source of technical information for their readers

- Based on the above work, international neurosurgery chairmen and attending physicians visit my operating room regularly for observation, which has led to the referral of international patients for surgical care and research fellows
- Generated \$6 million in philanthropic funds to drive atlas operations
- Established affiliation of the atlas with the Neurosurgery Research & Education Foundation (NREF) and devised the joint American Association of Neurological Surgeons/*Neurosurgical Atlas* \$3-million endowment to maintain the atlas in perpetuity
- **Availability of \$200,000/year research support, guaranteed for the next 5 years**

Co-Director, Indiana University Signature Center for Neurological and Brain Tumors 2011–Present

- Provide mentoring, infrastructure, and collaboration among basic science research and clinical teams at Indiana University and Purdue University
- Direct leadership in 5 laboratories and secure grants for 10 scientists
- Co-Director of the veterinary brain tumor research program at Purdue University, which has led to unique and innovative translational brain tumor research in dogs

Associate Editor-in-Chief, the *Neurosurgical Focus (Journal of Neurosurgery)* 2017–Present

- Mediate reviews from the reviewers for manuscripts
- Perform conflict resolution

Director-at-Large, American Association of Neurosurgeons Board of Directors 2018–2021

American Association of Neurosurgeons, Finance Committee 2018–2021

Professor (tenured), Indiana University Department of Neurosurgery
2006–Present

EDUCATION

Master of Business Administration 2016-2018
(Business of Medicine): Kelley School of Business, Indiana University
Courses included Leadership and Ethics, Conflict Resolution and Negotiation, Developing Strategic Capabilities, Operations, Project Management and Healthcare Policy

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| Masters in Clinical Research | 2005 |
| Mayo Graduate School, Mayo Clinic, Rochester, MN | |
| Courses included Comparative Effectiveness Research, Clinical Trials, Biostatistics, Epidemiology, Grantsmanship, and Ethics | |
| Neurosurgery Residency | 1999-2005 |
| Mayo Clinic, Rochester, MN | |
| Neurosurgery Fellowships | |
| Epilepsy Surgery and Brain Mapping, Yale University, New Haven, CT | |
| | 2002-2003 |
| Skull Base and Cerebrovascular Surgery, University of Arkansas Medical Sciences Center, Little Rock, AR | 2005-2006 |

INNOVATION HIGHLIGHTS

- Foundation of the *Neurosurgical Atlas*, the benchmark worldwide resource in neurosurgical operative techniques
- Refinement of intraoperative fluorescein fluorescence technology for tumor resection
- Introduction of alternative operative approaches to deep brain lesions
- Identification of the role of multifunctional proteins (AKT and Mdm2) as therapeutic targets for glioblastoma
- **Intraoperative assessment of tumor margins during glioma resection by desorption electrospray ionization-mass spectroscopy (DESI) (published in the *Proceedings of the National Academy of Sciences*)**
- Refinement of 3D imaging technology for intraoperative video recordings
- Advancement of microsurgery and basic science research in pet dogs' spontaneous brain tumor model of glioma
- Refinement of virtual reality models for neurosurgical anatomy

SELECTED COMMITTEES AND OTHER HIGHLIGHTS

- **Member, American Academy of Neurological Surgery**
- **Member, "Senior" Society of Neurological Surgeons**
- **Jose Biller Faculty Teaching Awardee, Indiana University Department of Neurosurgery**
- Lean/Six Sigma Green Belt, certified by the American Society for Quality
- Health Care Hero of the Year, 2009, selected among all physicians in the state by the *Indianapolis Business Journal*

Please see the attached curriculum vitae for a complete list of details