

# Ryan G. Porter, MD, MBA

Board-Certified Otolaryngologist | Healthcare Executive | Clinical Innovator

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## Executive Summary

Healthcare leader with proven success directing large-scale surgical operations (27,000+ annual surgeries), managing multi-specialty service lines, and driving strategic initiatives across a regional nonprofit health system. Dual clinical and business training (MD, MBA) with board governance experience at integrated health system and insurance company levels. Demonstrated strengths in communication, clinical and operational excellence, quality improvement, change and growth management, and academic leadership at an innovative engineering-focused medical school.

Specialist in adult and pediatric hearing disorders with deep expertise in implantable hearing devices and surgical technologies. Provides clinical and strategic guidance on product-market fit, workflow integration, and regulatory strategy for investors, health systems, and startups.

### Core Competencies:

Perioperative Leadership | Service Line Management | Academic Medicine | Board Governance | Quality & Safety | Strategic Planning | P&L Management | Digital Health Integration | Innovation & Product Development

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## Professional Experience

### Carle Health System | Champaign-Urbana, Illinois

#### Medical Director of Surgical Services and Digestive Health | 2019–Present

- Oversee surgical operations across multi-site regional health system including perioperative services, ambulatory surgery centers, and specialty surgical inpatient and outpatient programs
- Service Line responsibilities for general surgery including level 1 trauma services and bariatric surgery, urology, otolaryngology (ENT), oral surgery, plastic surgery, anesthesia services, ophthalmology, optometry, orthopedic surgery, gastroenterology, and preoperative medicine
- Direct Digestive Health Institute with responsibility for surgical and endoscopy services across gastroenterology and colorectal programs including endoscopy center operations

- Lead quality, safety, and operational improvement initiatives affecting >27,000 annual surgical procedures
- Collaborate with other executives on strategic planning, service line development, and capital allocation
- Manage physician relationships, credentialing, compensation, citizenship, quality oversight, and recruitment for surgical specialties
- Coordinate care delivery with multiple internal and external regional partners

### **Associate Medical Director – Ambulatory Surgery Centers | 2015–2019**

- Provided medical leadership for multiple ASC facilities including governance, quality oversight, and operational management
- Implemented evidence-based clinical protocols resulting in improved patient outcomes and reduced complications
- Led transition of services to a new Ambulatory Surgery Center Development

### **Assistant Medical Director – Specialty Surgical Services | 2013–2019**

- Directed medical operations for specialty surgical services including otolaryngology, ophthalmology, optometry, oral surgery, and plastic surgery
- Developed clinical pathways and standardized care protocols across service lines
- Participated in planning construction and transitioning outpatient services to a new off-site ambulatory care facility

### **Assistant Medical Director – Perioperative Services | 2014–2015**

- Managed perioperative operations including pre-admission testing, PACU, and day surgery units
- Implemented process improvements to enhance patient flow and satisfaction scores

## **Carle Illinois College of Medicine | Urbana, Illinois**

### **Interim and Inaugural Department Head – Surgery and Digestive Health | 2025–Present**

- Provide academic and administrative leadership for the first surgery and digestive health department at nation's first engineering-based medical school
- Direct faculty recruitment, promotion/tenure processes, curriculum development, and research initiatives
- Foster collaboration between clinical and engineering faculty and the University of Illinois to advance innovation in surgical care

- Manage departmental budget and strategic planning aligned with college mission
- Managed yearly faculty reviews

## **Section Head / Academic Medical Director – Surgery and Digestive Health | 2021–2025**

- Built surgery section infrastructure including faculty recruitment and clinical integration
- Developed educational programming integrating engineering principles with surgical education

## **Clinical Associate Professor | Current**

- Teaching responsibilities include medical student clinical rotations and lectures at the medical school, graduate, and undergraduate level.
- Coordinate GME rotations in otolaryngology
- Mentor trainees in clinical research projects

## **Clinical Practice | Carle Health | 2012–Present**

### **Otology, Neurotology, and Skull Base Surgery**

- Maintain active clinical practice specializing in cochlear implantation, bone anchored hearing solutions, adult and pediatric hearing loss, chronic ear disease, acoustic neuromas, and skull base pathology
- Inpatient and Outpatient surgical practice
- ECHO (Expanding Children's Hearing Opportunities) Children's Hearing Program
- Carle Auditory Oral School
- Adult and pediatric patient populations

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## **Board Governance & Leadership**

### **Trustee | Carle Health System Board of Trustees | 2020–Present**

- Member of health system governing board overseeing a large non-profit regional healthcare organization
  - ~17,000 employees (~1,500 physicians and APPs)
  - 5 acute care hospitals, 3 critical access hospitals, 3 ambulatory surgery centers
  - Yearly: ~75,000 admissions + observation cases, ~61,000 surgeries, ~232,000 ED visits
  - Approximately \$2.8 billion annual net patient service revenue
  - Service area of approximately 3 million people over 16 communities

- Participate in strategic planning, quality oversight, financial governance, and executive succession planning
- Served on board finance committee

## **Trustee | FirstCarolinaCare Insurance Company | 2020–Present**

- Oversight of risk management, claims management, and actuarial functions

## **Secretary, Board of Managers | Champaign SurgiCenter, LLC | 2019–Present**

- Governance role for joint-venture ambulatory surgery center
- Financial oversight and strategic planning for ASC operations
- >12,000 annual surgeries

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## **Committee Leadership (Selected)**

### **Current:**

- Carle Risk Management Company Claims Committee (2019–Present)
- Carle Perioperative Executive Committee (2015–Present)
- Department of Surgery Executive Committee, Carle Illinois College of Medicine (2025–Present)
- Appointment, Tenure, and Promotions Committee (2025–Present)

### **Previous:**

- Carle Foundation Quality Oversight Committee (2019–2024)
- Carle Foundation Inpatient Best Practice Committee (2019–2024)
- Carle Foundation Hospital Medical Executive Committee (2016–2022)
- Skull Base Surgery Committee, American Academy of Otolaryngology–Head and Neck Surgery (2012–2018)

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## **Education & Training**

**Master of Business Administration** | 2017–2021  
*Gies College of Business, University of Illinois at Urbana-Champaign*

**Otology, Neurotology, and Skull Base Surgery Fellowship** | 2010–2012  
*Michigan Ear Institute, Farmington Hills, Michigan*

- ACGME-accredited two-year fellowship

- Comprehensive training in hearing implants, chronic ear disease, and neurotologic and lateral skull base surgery

**Otolaryngology-Head and Neck Surgery Residency** | 2006–2010

*Loyola University Medical Center, Maywood, Illinois*

**General Surgery Internship** | 2005–2006

*Loyola University Medical Center, Maywood, Illinois*

**Doctor of Medicine** | 2001–2005

*Stritch School of Medicine, Loyola University Chicago*

**Bachelor of Science, Biology** | 1996–2000

*Baylor University, Waco, Texas*

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## Board Certification & Licensure

- **Diplomate (Board Certified), American Board of Otolaryngology- Head and Neck Surgery** (2010–Present)
  - **Subspecialty Board Certified in Neurotology** (2012–Present)
  - **Fellow, American Academy of Otolaryngology-Head and Neck Surgery**
  - Illinois Medical License (Active)
  - US DEA Controlled Substances License (Active)
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## Research & Innovation

### Current Research Initiatives

- Utilization of diagnostic audiology and cochlear implant services among US adults aged 65+ with bilateral sensorineural hearing loss (Epic Cosmos database analysis)
- Impact of early direct stimulation in unilateral hearing loss and bimodal cochlear implant recipients

### Research Focus Areas

- Cochlear implant outcomes research
- Optical coherence tomography applications in middle ear diagnostics
- Machine learning classification of otitis media
- Bioengineering applications in otology

### Selected Publications (Recent)

1. Won J, Monroy GL, Khampang P, et al. **In vivo optical characterization of middle ear effusions and biofilms during otitis media.** *J Assoc Res Otolaryngol.* 2023. PMID: 37253962.
2. Won J, Monroy GL, Dsouza RI, et al. **Handheld briefcase optical coherence tomography with real-time machine learning classifier for middle ear infections.** *Biosensors.* 2021;11(5):143.
3. Monroy GL, Won J, Shi J, et al. **Automated classification of otitis media with OCT: augmenting pediatric image datasets with gold-standard animal model data.** *Biomed Opt Express.* 2022;13:3601-3614.
4. Meade ZS, Porter RG. **Blastomyces induced otomastoiditis with local soft tissue invasion: A case report.** *Ear Nose Throat J.* 2021. PMID: 33866867.
5. Monroy GL, Won J, Novak MA, et al. **Automated classification platform for the identification of otitis media using optical coherence tomography.** *NPJ Digit Med.* 2019;2:22.

**Prior Publications:** 20+ peer-reviewed publications in otology, neurotology, and skull base surgery including work on acoustic neuroma management, facial nerve outcomes, and biotechnology. Complete bibliography available at [www.ryanportermid.com/publications](http://www.ryanportermid.com/publications).

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## Presentations & Invited Speaking (Selected)

- **"Overview of the US Cochlear Implant Program"** – Invited Speaker, National Yang Ming Chiao Tung University & Cheng-Hsin General Hospital, Taipei, Taiwan (2025)
  - **Temporal Bone Lab, Cochlear Implant Techniques** – Invited Faculty, National Yang Ming Chiao Tung University, Taipei, Taiwan (2025)
  - **Alternatives to Conventional Hearing Aids** - Michigan Ear Institute Annual Meeting (2012)
  - **"Improved Facial Nerve Outcomes Utilizing an Evolving Treatment Method for Large Acoustic Neuromas"** – American Neurotology Society Meeting (2012)
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## Grants & Funded Research

**NIH/NIDCD R43 DC016575-01** (Co-Investigator; PI, R. Shelton)  
*Clinical evaluation of a new middle ear diagnostic to support FDA regulatory clearance*  
Role: Clinical research collaboration with PhotoniCare, Inc.  
Award: \$90,800 (sub-award) | 2018–2020

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## Industry & Consulting Experience

- **PhotoniCare, Inc.** – Clinical Research Consultant (Current)  
Advising on FDA regulatory pathway for novel optical middle ear diagnostic device
  - **Previous Consultant Relationships:**  
Advanced Bionics, Cochlear Corporation, Oticon Medical, Neurelec SA (cochlear implant and hearing device companies)
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## Teaching & Medical Education

- **Clinical Associate Professor of Surgery**, Carle Illinois College of Medicine
  - **Otolaryngology Rotation Coordinator** – University of Illinois College of Medicine
  - **Family Medicine Residency** – Otolaryngology Rotation Coordinator, Carle (2015–Present)
  - **Doctor of Audiology Program** – Guest Lecturer, University of Illinois (2018, 2026)
  - **Temporal Bone Dissection Course** – Guest Faculty, Loyola University Medical Center (2015–2019)
  - **Bioengineering Undergraduate Design Course** – Faculty Instructor (2017–2018)
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## Awards & Recognition

- Carle Foundation Hospital Physician of the Year – Finalist (2019)
  - American Academy of Otolaryngology–Head and Neck Surgery Honor Award (2015)
  - Carle Foundation Hospital "Rising Star" Award (2014)
  - Chicago Laryngological and Otological Society Lederer-Pierce Research Competition – 1st Place (2009)
  - Peter J. Girgis Otolaryngology Research Competition – 1st Place (2009)
  - Multiple research awards and travel grants from national otolaryngology organizations
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## Media & Public Engagement

- Expert commentary on healthcare topics for WCIA-TV, WAND-TV, WBGL FM Radio
- Interviews on surgical services during COVID-19 pandemic, healthcare reopening strategies

- Featured in The News-Gazette on healthcare facility development and surgical innovation
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## Professional Societies

- American Neurotology Society (2008–Present)
  - American Academy of Otolaryngology–Head and Neck Surgery (2005–Present)
  - American College of Surgeons (2005–2012)
  - Triologic Society (2006–2012)
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## Additional Skills & Interests

**Languages:** English (native), Spanish (intermediate)

**Technical:** Healthcare data analytics, Epic EHR systems, healthcare ambient listening technology, artificial intelligence interfaces, quality metrics analysis

**Personal:** Amateur radio operator (Extra Class license), Brazilian Jiu-Jitsu, weightlifting, golf

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## References

Available upon request

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### Contact Information

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