

Gregory A. Ator, FACS, FAMIA

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PERSONAL DATA

Full Name Gregory A. Ator, FACS, FAMIA Degree BSEE, Medical Doctor

Current Academic Rank Professor with Tenure

Board Certifications: Otolaryngology-Head and Neck Surgery, Medical Informatics

Medical Training Otolaryngology & Head and Neck, Otology – Neurotology & Skull Base Surgery

Honorary Designations FACS – Fellow American College of Surgeons, FAMIA – Fellow of the American Medical Informatics Association

Professional Positions

TITLE	Organization
Professor Otolaryngology-Head and Neck Surgery	University of Kansas Medical Center
Medical Otologist	University of Kansas Physicians, Inc.
Consultant – CMIO Mentor	Health Data Movers, Inc
Chief Clinical and AI Officer	LACIE – KC Regional HIE Network

Undergraduate and Graduate Education:

Years (inclusive)	Degree (course of study/major)	Institution
1976 - 1981	BS (Electrical Engineering) Summa Cum Laude	Texas A&M University, College Station, Texas
1981 - 1985	MD (Doctor of Medicine)	Baylor College of Medicine, Houston, Texas
1992 - 1994	Clinical Informatics Graduate Certificate Study	Oregon Health Science University, Portland, Oregon

Scholarly Publications:

Articles (Peer-Review Published):

1. Coker, Newton. J, Ator , Gregory. A, Jenkins, Herman. A, Neblett, Charles., Morris, James. (1984). Carbon Dioxide Laser Stapedotomy: Thermal Effects in the Vestibule. <i>Archives of Otolaryngology</i> , 111(9), 601-605. https://jamanetwork.com/journals/jamaotolaryngology/article-abstract/612629
2. Ator , Gregory. A., Coker, Newton. J., Jenkins, Herman. A. (1985). Thermal injury to the intra-temporal facial nerve following CO2 laser application. <i>American Journal of Otolaryngology</i> , 6(6), 437-442. https://doi.org/10.1016/s0196-0709(85)80023-5 3936369
3. Coker, Newton. J., Ator , Gregory. A., Jenkins, Herman. A., Neblett, Charles. R. (1986). Carbon dioxide laser stapedotomy: A histopathologic study. <i>American Journal of Otolaryngology</i> , 7(4), 253-257. https://doi.org/10.1016/s0196-0709(86)80047-3 3092686
4. Ator , G. A, Abemayor, E., Lufkin, R. B, Hanafee, W. N, Ward, P. H (1990). Evaluation of mandibular tumor invasion with magnetic resonance imaging. <i>Archives of Otolaryngology--Head & Neck Surgery</i> , 116(4), 454-9. 2317328
5. Andrews, J. C, Ator , G. A, Honrubia, V. (1992). The exacerbation of symptoms in Menière's disease during the premenstrual period. <i>Archives of Otolaryngology--Head & Neck Surgery</i> , 118(1), 74-8. 1728282
6. Ator , Gregory. A, Jenkins, Herman. (1992). Long-term compensation following vestibular nerve section. <i>Proceedings of the XVIIth Barany Society</i> .

7.	Ator , G. A., Andrews, J. C., Maxwell, D. S. (1993). Preparation of the Human Skull for Skull Base Anatomic Study. <i>Skull base surgery</i> , 3(1), 1-6. https://doi.org/10.1055/s-2008-1060557 PMC1656405, 17170882
8.	Ator , G. A (1993). Menière's disease. <i>Kansas Medicine : The Journal of the Kansas Medical Society</i> , 94(12), 322-4. 8145409
9.	Chertoff, Mark. E., Steele, Timothy., Ator , Gregory. A., Bian, Lin. (1996). Characterizing cochlear mechano-electric transduction using a nonlinear systems identification procedure. <i>The Journal of the Acoustical Society of America</i> , 100(6), 3741-3753. https://doi.org/10.1121/1.417220 8969475
10.	Edmonds, Joseph. L., Woodroof, Janet. M., Ator , Gregory. A. (1997). Middle-ear lipoma as a cause of otomastoiditis. <i>The Journal of Laryngology and Otology</i> , 111(12), 1162-1165. https://doi.org/10.1017/s002221510013960x 9509107
11.	Devaiah, A. K, Ator , G. A (2000). Clinical Indicators Useful in Predicting Response to the Medical Management of Meniere's Disease. <i>The Laryngoscope</i> , 110(11), 1861-1865. https://doi.org/10.1097/00005537-200011000-00018 11081600
12.	Devaiah, Anand. K., Dawson, Kristen. L., Ferraro, John. A., Ator , Gregory. A. (2003). Utility of Area Curve Ratio Electrocochleography in Early Meniere Disease. <i>Archives of Otolaryngology–Head Neck Surgery</i> , 129(5), 547-551. https://doi.org/10.1001/archotol.129.5.547 12759268
13.	Ator , Greg. "We Too Must Evolve." <i>Ieee Engineering in Medicine and Biology Magazine: The Quarterly Magazine of the Engineering in Medicine & Biology Society (United States)</i> 26, no. 5 (2007): 6.
14.	Al-Momani, Murad. O, Ferraro, John. A, Gajewski, Byron. J, Ator , Gregory. A (2009). Improved sensitivity of electrocochleography in the diagnosis of Meniere's disease. <i>International Journal of Audiology</i> , 48(11), 811-819.
15.	Ator , Gregory. A (2015). Creation and implementation of a new handoff system in the electronic medical record at a single institution. <i>Health Care and Informatics Review Online</i> .
16.	Liu, Mei., Melton, Brittany. L, Ator , Gregory. A, Waitman, Lemeul. R (2017). Integrating Medication Alert Data into a Clinical Data Repository to Enable Retrospective Study of Drug Interaction Alerts in Clinical Practice. <i>AMIA Jt Summits Transl Sci Proc.</i> 28815131
17.	Shew, Matthew., Bush, Jimmy., Tawfik, Ossama., Ator , Gregory. A (2017). Middle Ear Aural Polyp Mimicking Glomus Tympanicum in a Male Adolescent. <i>Otology and Neurotology</i> , 38(7), e211-e213. 28591000
18.	Villwock, Jennifer. A, Villwock, M. R, New, J., Ator , Gregory. A (2018). The False Vital Sign: When Pain Levels Are Not Predictive of Discharge Narcotic Prescriptions. <i>Int J Medical Informatics</i> . 31445291
19.	Giliberto, John. Paul, Ator , Gregory., Carroll, Thomas. L, Chan, Teresa., Vahabzadeh-Hagh, Andrew. (2020). National Trends in Daily Ambulatory Electronic Health Record Use by Otolaryngologists. <i>The Laryngoscope</i> . https://onlinelibrary-wiley-com.kumc.idm.oclc.org/doi/10.1002/lary.29073 32876342
20.	Villwock, Jennifer. A., Villwock, Mark. R., New, Jacob., Ator , Gregory. A. (2020). EMR quantity autopopulation removal on hospital discharge prescribing patterns: Implications for opioid stewardship. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 45(1), 160-168. https://onlinelibrary-wiley-com.kumc.idm.oclc.org/doi/10.1111/jcpt.13049 31654451
21.	Kaplan, Robert. S., Chukwura, Chizoba. L., Gorman, Gregory. H., Lee, Vivian. S., Good, Chester. B., Martin, Kathleen. L., Ator , Gregory. A., Parkinson, Michael. D. (2022). A Career Life-Cycle Perspective on Women's Health and Safety. <i>Journal of Occupational & Environmental Medicine</i> , 64(4), e267-e270. https://onlinelibrary-wiley-com.kumc.idm.oclc.org/doi/10.1111/jcpt.13049
22.	Patel, Tushar. N., Chaise, Aaron. J., Hanna, John. J., Patel, Kunal. P., Kochendorfer, Karl. M., Medford, Richard. J., Mize, Dara. E., Melnick, Edward. R., Hron, Jonathan. D., Youens, Kenneth., Pandita, Deepti., Leu, Michael. G., Ator , Gregory. A., Yu, Feliciano., Genes, Nicholas., Baker, Carrie. K., Bell, Douglas. S., Pevnick, Joshua. M., Conrad, Steven. A., Chandawarkar, Aarti. R., Rogers, Kendall. M., Kaelber, David. C., Singh, Ila. R., Levy, Bruce. P., Finnell, John. T., Kannry, Joseph., Pageler, Natalie. M., Mohan, Vishnu., Lehmann, Christoph. U. (2024). Structure and Funding of Clinical Informatics Fellowships: A National Survey of Program Directors. <i>Applied Clinical Informatics</i> , 15(01), 155-163. https://doi.org/10.1055/a-2237-8309 38171383
23.	Albrecht, Michael., Shanks, Denton., Shah, Tina., Hudson, Taina., Thompson, Jeffrey., Filardi, Tanya., Wright, Kelli., Ator , Gregory. A, Smith, Timothy. Ryan (2024). Enhancing clinical documentation with ambient artificial intelligence: a quality improvement survey assessing clinician perspectives on work burden, burnout, and job

satisfaction. <i>JAMIA Open</i> , 8(1). https://doi.org/10.1093/jamiaopen/ooaf013
24. Ayoub, Noel F., Rameau, Anaïs., Brenner, Michael J., Bur, Andrés. M., Ator , Gregory A., Briggs, Selena E., Takashima, Masayoshi., Stankovic, Konstantina. M. (2025). American Academy of Otolaryngology–Head and Neck Surgery (AAO-HNS) Report on Artificial Intelligence. <i>Otolaryngology–Head and Neck Surgery</i> , 172(2), 734-743. https://doi.org/10.1002/ohn.1080
25. Merlino, Dante J., Brufau, Santiago R., Saieed, George., Van Abel, Kathryn M., Price, Daniel L., Archibald, David J., Ator , Gregory A., Carlson, Matthew L. (2025). Comparative Assessment of Otolaryngology Knowledge Among Large Language Models. <i>The Laryngoscope</i> , 135(2), 629-634. https://doi.org/10.1002/lary.31781
26. Hudson, Taina J., Albrecht, Michael., Smith, Timothy R., Ator , Gregory A., Thompson, Jeffrey A., Shah, Tina., Shanks, Denton. (2025). Impact of Ambient Artificial Intelligence Documentation on Cognitive Load. <i>Mayo Clinic Proceedings: Digital Health</i> , 3(1), 100193. https://doi.org/10.1016/j.mcpdig.2024.100193
27. Kallenberger, Ethan M., Kaur, Snimarjot., Everist, Brynn E., Ator , Gregory A., Gierer, Selina A., D’Mello, Andrea F. (2025). A Sticky Situation: Case Series of Successful Treatment of Glue Ear with Dupilumab. <i>Otology and Neurotology</i> , 46(6), e210-e214. https://oce-ovid-com.kumc.idm.oclc.org/article/00129492-202507000-00009/HTML

Books and Book Chapters:

1. Ator , Gregory A., Weatherly, Robert A., Jenkins, Herman A., Coker, Newton J. (1994). Infratemporal Schwannomas. <i>Skull Base Surgery: Anatomy, Diagnosis and Treatment</i> (pp. 1020-1024). S. Karger AG. https://doi.org/10.1159/000429746
2. Jenkins, Herman A., Ator , Gregory A. (1994). Traumatic Facial Nerve Paralysis. <i>Otologic Surgery</i> (pp. 347-361). Elsevier. https://doi.org/10.1016/b978-1-4160-4665-3.00029-9
3. Ator , Gregory A., Jenkins, Herman., Becker, Donald., Canalis, Rinaldo. (2000). Acoustic Neuroma and Other Tumors of the Cerebellopontine Angle. <i>The Ear: Comprehensive Otology</i> (pp. 847-868). Lippincott. https://archive.org/details/earcomprehensive0000unse
4. Ator , Gregory A., Lambert, Paul., Canalis, Rinaldo. (2000). Tinnitus. <i>The Ear: Comprehensive Otology</i> (pp. 559-570). Lippincott Williams & Wilkins. https://archive.org/details/earcomprehensive0000unse
5. Ator , Gregory., Bryson, Casey. (2025). Co-Create Solutions An Innovative Approach KU Took to AI Documentation Using The Abridge Platform. In Marx, Edward., Papay, Frank., Mathur, Piyush., Dhingra, Sakshika. (Eds.), <i>Voices of Innovation - AI (Voices of Innovation in Healthcare)</i> (pp. 264-269). Productivity Press, Routledge.

Other Scholarly Publications:

1. Ator , Gregory., Good, Chester., Johnson, Christopher., Kaplan, Robert., Lee, Vivian., Martin, Kathleen., Norman, Lee., Parkinson, Michael., Gorman, Gregory. (2020). <i>Active-Duty Women’s Health Care Services</i> . Washington DC: Department of Defense, Defense Health Board.
2. Ator , Gregory. (2023). <i>Optimizing Virtual Health (VH) in the Military Health System (MHS)</i> . Washington, DC: Department of Defense.
3. Nierengarten, Mary Beth. (2024). Generative AI and the Future of Otolaryngology. <i>ENT Today</i> . www.enttoday.org/article/generative-ai-and-the-future-of-otolaryngology/
4. Saraswathula, A., Frazier, K., Ator , G., Roy, S. (2025). <i>Clinical Communication in the Electronic Medical Record</i> . AAO-HNS. https://bulletin.entnet.org/home/article/22929624/clinical-communication-in-the-electronic-medical-record