Stanford



Katie Hohenberger, MD

Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Head and Neck Cancer Program**
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  Palo Alto, CA 94305
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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Liz Frazier - Administrative Associate
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Bio

BIO

Dr. Katie Hohenberger is a fellowship-trained otolaryngologist and head and neck surgeon with Stanford Health Care. She is also a clinical assistant professor in the Department of Otolaryngology, Division of Head and Neck Surgery at Stanford University School of Medicine.

Dr. Hohenberger specializes in diagnosing and treating a variety of conditions that affect the head and neck, with a focus on benign (noncancerous) and cancerous thyroid and parathyroid disorders. She offers comprehensive care for endocrine conditions, which includes in-office ultrasounds, biopsies, ablation procedures, and surgical treatments.

Dr. Hohenberger's research is focused on the management of head and neck cancers and thyroid nodules. She also studies techniques for improving outcomes in head and neck surgery.

Dr. Hohenberger has published her research in several peer-reviewed journals, including Oral Oncology, Journal of Cellular and Molecular Medicine, and Annals of Surgical Oncology. She has also presented to her peers at regional and national meetings, including annual meetings of the American Thyroid Association and the Society for Surgical Oncology.

Dr. Hohenberger is a member of the American Academy of Otolaryngology – Head and Neck Surgery, the American Head and Neck Society, and the American Thyroid Association.

CLINICAL FOCUS

- Otolaryngology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

HONORS AND AWARDS

- Theodore Goode Family Endowed Scholarship, Michigan State University
- Leonard J. Luker Memorial Scholarship, Michigan State University (2015, 2017)
- Glasgow-Rubin Citation for Academic Achievement, American Medical Women's Association (AMWA)
- Dr. David S. & Elaine O. Trump Department of Surgery Scholarship, Michigan State University
- Best Research Presentation, Rontal Family Resident Education Reward, University of Michigan
- Best of SSO Citation, Society of Surgical Oncology (SSO) Annual Meeting
- Best Clinical Research Paper, Clinical Research Award, University of Michigan

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Thyroid Association (2024 - present)
- Member, American Head and Neck Society (2020 - present)
- Member, American Academy of Otolaryngology – Head and Neck Surgery (2018 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University (2025) CA
- Residency: University of Michigan (2024) MI
- Medical Education: Michigan State University College of Human Medicine (2018) MI
- Undergraduate, Massachusetts Institute of Technology , Electrical Science and Engineering (2013)

Publications

PUBLICATIONS

- **Expert Consensus Statement on the Perioperative Management of Adult Patients Undergoing High-Risk Thyroidectomy from the Society for Head and Neck Anesthesia.** *Anesthesia and analgesia*
  Hyman, J. B., Schechtman, S. A., Abdelmalak, B. B., Mittal, B., Saxena, A., Stentz, M., Atkins, J. H., Aziz, M. F., Cattano, D., Cloyd, B. H., Demaria, S., Hohenberger, K., Levine, et al
  2026

- **C-Terminal Hsp90 Inhibitors Overcome MEK and BRAF Inhibitor Resistance in Melanoma.** *Journal of cellular and molecular medicine*
  Subramanian, C., Hohenberger, K. K., Zuo, A., Cousineau, E., Blagg, B., Cohen, M.
  2025; 29 (6): e70489

- **Combination Treatment of Withalongolide a Triacetate with Cisplatin Induces Apoptosis by Targeting Translational Initiation, Migration, and Epithelial to Mesenchymal Transition in Head and Neck Squamous Cell Carcinoma.** *Nutrients*
  Subramanian, C., Spielbauer, K. K., Pearce, R., Kovatch, K. J., Prince, M. E., Timmermann, B. N., Cohen, M. S.
  2022; 14 (24)

- **Virtual Resident Mentorship Groups for Fourth Year Medical Students Applying into Otolaryngology-Head and Neck Surgery.** *The Annals of otology, rhinology, and laryngology*
  Farlow, J. L., Devare, J., Ellsperman, S. E., Haring, C. T., Heft Neal, M. E., Pleasant, T., Spielbauer, K. K., Sylvester, M. J., Xie, Y., Marchiano, E. J.
  2022; 131 (2): 198-204

- **Use of rotational thromboelastometry (ROTEM®) to predict thrombotic complications of microvascular head and neck reconstruction.** *Oral oncology*
  Spielbauer, K. K., Sunde, J., Buchakjian, M., Casper, K. A., Malloy, K. M., Stucken, C. L., Prince, M. E., Rosko, A. J., Schechtman, S., Chinn, S. B., Kumar, S. S., Spector, M. E.
  2022; 124: 105515

- **Time to Surgery and Survival in Head and Neck Cancer.** *Annals of surgical oncology*
  Heft Neal, M. E., Spielbauer, K. K., Spector, M. E.

2021; 28 (2): 602-603

- **Lovastatin protects against cisplatin-induced hearing loss in mice.** *Hearing research*
  Fernandez, K., Spielbauer, K. K., Rusheen, A., Wang, L., Baker, T. G., Eyles, S., Cunningham, L. L.
  2020; 389: 107905
- **α-synuclein expression from a single copy transgene increases sensitivity to stress and accelerates neuronal loss in genetic models of Parkinson's disease.** *Experimental neurology*
  Cooper, J. F., Spielbauer, K. K., Senchuk, M. M., Nadarajan, S., Colaiácovo, M. P., Van Raamsdonk, J. M.
  2018; 310: 58-69
- **PD-1 Inhibition Minimally Affects Cisplatin-Induced Toxicities in a Murine Model.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Spielbauer, K., Cunningham, L., Schmitt, N.
  2018; 159 (2): 343-346
- **Cisplatin Alters Antitumor Immunity and Synergizes with PD-1/PD-L1 Inhibition in Head and Neck Squamous Cell Carcinoma.** *Cancer immunology research*
  Tran, L., Allen, C. T., Xiao, R., Moore, E., Davis, R., Park, S. J., Spielbauer, K., Van Waes, C., Schmitt, N. C.
  2017; 5 (12): 1141-1151
- **Activation of the mitochondrial unfolded protein response promotes longevity and dopamine neuron survival in Parkinson's disease models.** *Scientific reports*
  Cooper, J. F., Machiela, E., Dues, D. J., Spielbauer, K. K., Senchuk, M. M., Van Raamsdonk, J. M.
  2017; 7 (1): 16441
- **Cisplatin is retained in the cochlea indefinitely following chemotherapy.** *Nature communications*
  Breglio, A. M., Rusheen, A. E., Shide, E. D., Fernandez, K. A., Spielbauer, K. K., McLachlin, K. M., Hall, M. D., Amable, L., Cunningham, L. L.
  2017; 8 (1): 1654
- **Delaying aging is neuroprotective in Parkinson's disease: a genetic analysis in C. elegans models.** *NPJ Parkinson's disease*
  Cooper, J. F., Dues, D. J., Spielbauer, K. K., Machiela, E., Senchuk, M. M., Van Raamsdonk, J. M.
  2015; 1: 15022
- **Mitochondrial and cytoplasmic ROS have opposing effects on lifespan.** *PLoS genetics*
  Schaar, C. E., Dues, D. J., Spielbauer, K. K., Machiela, E., Cooper, J. F., Senchuk, M., Hekimi, S., Van Raamsdonk, J. M.
  2015; 11 (2): e1004972