

I. Full Name

Scott Emil Irving Howell

II. Education and Advanced Training

University of Texas Health Science Center at San Antonio
San Antonio, TX
June 2019
Dental Public Health Resident
Certificate

Swedish Medical Center and Seattle Special Care Dentistry
Seattle, WA
June 2015
General Practice Resident
Certificate

A. T. Still University, Arizona School of Dentistry & Oral Health
Mesa, AZ
June 2014
Doctor of Dental Medicine

A. T. Still University, School of Health Management
Mesa, AZ
June 2014
Master of Public Health with dental emphasis

Michigan State University, College of Arts and Letters
East Lansing, MI
May 2006
Bachelor of Arts; Philosophy with honors
Concentrations in ethics, religious studies, and natural sciences

III. Academic Appointments

A. T. Still University, Arizona School of Dentistry & Oral Health
Director of Teledentistry
July 2019 – present

A. T. Still University, Arizona School of Dentistry & Oral Health
Assistant Professor
October 2015 – present

A. T. Still University, Still Research Institute
Scientist
February 2016 - present

Phoenix College
Adjunct Faculty, supervising dentist dental hygiene, and curriculum development and instructor
expanded function dental assisting programs
September 2015 – present

IV. Academic Committee and Organization Appointments

- Arizona School of Dentistry & Oral Health Institutional Assessment and Accreditation Committee, July 2019 - present
- American Dental Education Association ASDOH Chapter faculty advisor, April 2019 - present
- Arizona School of Dentistry & Oral Health Quality Improvement Committee, August 2018 – present
- Arizona School of Dentistry & Oral Health Community Partnership Advisory Committee, August 2018 – present
- A. T. Still University Interprofessional Education Advisory Committee, February 2018 - present
- Arizona School of Dentistry & Oral Health Admissions Committee, August 2017 - present
- American Student Dental Association ASDOH Chapter faculty advisor, April 2016 – present

V. Licenses

June 2018	Basic Life Support
October 2017	Federal DEA License
July 2019	Full Dental License, State of Arizona

VI. Honors and Professional Awards

- A. T. Still University, Arizona School of Dentistry & Oral Health, Mesa, AZ
- Omicron Kappa Upsilon Dr. William S. Kramer, Award of Excellence, 2013
 - American Academy of Oral Medicine Certificate of Merit & Award in Oral Medicine, 2014
 - American Association of Public Health Dentistry Dental Student Recognition Award, 2014
 - ASDOH Non-Surgical Perio Award for Excellence, 2014
 - ASDOH Clinic Orientation Teach Assistant Award, 2014

- A. T. Still University, School of Health Management
- ATSU SHM Student Volunteer of the Year Award, 2014

- Special Care Dentistry Association, Chicago, IL
- 1st Place, Student Poster Competition at the SCDA 25th Annual Meeting, 2013

American Student Dental Association, Chicago, IL

- ASDA Advocate Award, 2017
- ASDA Advocate Award, 2019

VII. Membership in Professional Societies

- Delta Omega – Honorary Society in Public Health May 2018 - present
- AcademyHealth September 2018 - July 2019
- American Association of Dental Research August 2017 – present
- International Association of Dental Research August 2017 - present
- Arizona Section of the American Association of Dental Research August 2017 - present
- Arizona Public Health Association August 2017 – present
- American Public Health Association November 2016 – present
- National Academies of Practice December 2015 – present
- Arizona State Dental Association September 2015 – present
- Central Arizona Dental Society September 2015 – present
- American Association of Public Health Dentistry, July 2014 – present
- American Dental Association July 2014 – present
- Washington State Dental Association July 2014 – August 2015
- Seattle-King County Dental Society July 2014 – August 2015
- Omicron Kappa Upsilon, Beta Alpha Chapter May 2014 – present
- American Academy of Developmental Medicine and Dentistry, October 2012 – present
- American Dental Education Association, October 2012 – present
- Special Care Dentistry Association, February 2012 – present
- American Student Dental Association July 2010 – June 2014

VIII. Teaching Activities

- A. T. Still University
 - Public health practicum preceptor, October 2018 - present
 - Dental Discipline 543, 544, 643, 647, 743, 744, 843, 845: Collaborative Dental Rounds I, II, III, IV, V, VI, VII, and VIII, faculty mentor, 2017 – present
 - Dental Disciplines 692, 693, 792, 793, 892, 893: Portfolio Capstone Project, portfolio mentor, 2017 – present
 - ASDOH Teledentistry clinic, 2017 – present
 - Dental Anesthesia for the Practicing Medical Provider, lecture and lab, Mesa Fire Department, 2017
 - Dental Disciplines 714: Dentistry in the Community II, teledentistry project development, 2016 – present
 - Dental Disciplines 694: Interprofessional Education Through the Lens of Oral Systemic Disease (IPE), 2016 – present

- MSPA5045: Clinical Medicine: Eyes, Ears, Nose, & Throat; Introduction to Oral Health/Oral-Systemic Connections and Dental Emergencies, 2016 – present
- MSPA5075: Clinical Skills 1; Dental Injections for the Medical Provider, 2016 – present
- Dental Anesthesia for the Medical Provider (part of MSPA5075), recorded lecture, 2016 – present
- Integrated Dental Practice, Module 704: Dentistry in the Community 2, Teledentistry, 2016 – present
- Introduction to Oral Health/Oral Systemic Connections, recorded lecture for DO students, 2016 – present
- Research Mentor, Thida Hnin, IPE and Community Health Center Research, June 2017 - August 2017
- Dental Emergencies lecture and clinical rotation for PA students, 2016 – present
- ASDOH Oral Diagnosis clinic, 2016 – 2017
- Interprofessional Education Dental Clinic Experience for PA and DO students, 2015 – present
- Oral Systemic Health Connections presented to PA and DO students, 2015
- Phoenix College
 - CEU100-93114, Expanded Functions for Dental Auxiliaries, October 2017–present
 - DHE133, DH Clinic, January 2016 – Present
 - DHE125, Dental Radiography Lab, August 2015 – December 2015
 - DHE120 Pre Clinical Dental Hygiene, August 2015 – December 2015
- University of Texas Health Science Center at San Antonio
 - COMD 7050, Clinical Experience in Preventive Dentistry, September 2017-June 2019
- Arizona State University
 - Oral Health and Psychosocial Considerations lecture series, Arizona State University, 2016 – present
 - Master’s Thesis Committee Member, Dr. Pallavi Jugale, A Process Evaluation of the formative Stage of the Arizona Oral Health Coalition, August 2016 - February 2017

IX. Academic/Clinical Projects

- Development and implementation of interprofessional education and practice activities in an academic setting at A. T. Still University, Mesa, AZ, October 2015 - present
- Development and implementation of community health center based interprofessional education and practice activities at HealthPoint Community Health Center in King County, WA, and El Rio Community Health Center in Tucson, AZ, October 2015 - present
- Development and implementation of a teledentistry program to deliver oral health services to youth in a Maricopa County juvenile detention center, low income adults in Apache Junction, AZ, low-income seniors in Mesa, AZ and adults with special needs in Phoenix, AZ, October 2015 - present

X. Service

- State/National Involvement
 - Arizona Oral Health Coalition, Member at large, November 2019 - present
 - Arizona Oral Health Coalition Primary Care and Telehealth Workgroup Member, August 2019 - present
 - American Dental Association Center for Evidence Based Dentistry Instructor, December 2018 - present
 - Project Accessible Oral Health Education Committee Member, June 2018 - present
 - Special Care Dentistry Association, Treasurer, April 2018 - present
 - Arizona Oral Health Coalition Member, April 2018 - present
 - Smiles Beyond the Bars, Smile Makers Gala Planning Committee Member, June 2018 - October 2018
 - National Oral Health Conference, Abstract reviewer, December 2017 - present
 - The Arizona Partnership for Immunization, Development of HPV Vaccine Literature for Oral Health Professionals, September 2017 – August 2018
 - Special Care Dentistry Association, Assistant Treasurer, April 2017 – April 2018
 - Special Care Dentistry Association Finance Committee, April 2017 – present
 - Special Care Dentistry Association, Antibiotic Prophylaxis for Patients with Renal Disease ad hoc subcommittee chairperson, April 2017 – present
 - Special Care Dentistry Association, Liaison to the American Academy of Developmental Medicine and Dentistry, April 2017 – September 2019
 - Special Olympics Arizona Health Leadership Committee, November 2016 – present
 - Special Olympics Special Smiles, Clinical Director, May 2016 – present
 - Special Care Dentistry Association, Director-at-large, April 2016 – April 2017
 - Special Care Dentistry Association, Annual Meeting Planning Committee member, April 2016 - present
 - Arizona Oral Cancer Walk Planning Committee, committee member, November 2015 - present
 - Council on Government Affairs, Arizona State Dental Association, council member, January 2015 – present
 - Special Care Dentistry Association Residency Taskforce, Principle Investigator for survey, “Determining Interest in a Residency for Persons with Special Needs”, 2014

- Patient Care
 - Corbin’s Legacy, October 2017, October 2018, September 2019
 - CARE Partnership, November 2017
 - Back to School Screenings at Grand Canyon University, July 2016, July 2017, July 2019
 - Magic Smiles, August 2016 – October 2016
 - Day for Special Smiles, October 2015, November 2016
 - Give Kids a Smile, January 2016

- Miscellaneous
 - Cactus Cats, cat caretaker, August 2019 - present
- Dental School Involvement
 - ASDOH SCDA Student Network Vice Chairperson, May 2012 – May 2013
 - ASDOH ASDA Student Professionalism and Ethics Committee Chairperson May 2012 – May 2013
 - ASDOH SCDA Student Network Secretary May 2011 – May 2012
 - ASDOH ASDA Student Professionalism and Ethics Committee Member September 2010 – May 2012
 - ASDOH ASDA Predental Committee Mentor September 2010 – May 2012

XI. Publications and Scholarly Activity

- Journal Publications
 - **Howell, S**, Trombly, C, and Cottam, W. (2019). Using Teledentistry to Evaluate Oral Health of Youth in Detention, *J Dent Res* Vol 98(A): 2576, <https://iadr.abstractarchives.com/abstract/19iags-3185725/using-teledentistry-to-evaluate-oral-health-of-youth-in-detention>.
 - Perry, M, **Howell, S**, Patel, N. (2016). Protocols for treating patients with end-stage renal disease: A survey of nephrology fellowships. *Special Care in Dentistry* 36(6), 321-324
 - **Howell, S**, Perry, M, Patel, N. (2016). Protocols for treating patients with end-stage renal disease: A survey of AEGD/GPR dental residencies. *Special Care in Dentistry* 36(6), 325-327.
 - Sturgill, J, **Howell, S**, Perry, M, Kothari, H. (2016). Protocols for treating patients with end-stage renal disease: A survey of undergraduate dental programs. *Special Care in Dentistry* 37(2): 57-61.
- Posters/Presentations
 - **Howell, S**, Burkholder, W., Hughes, L., and Cottam, W. Teledentistry and Interprofessional Care: Oral Health Within a Medical Clinic. Poster Presentation at American Academy of Pediatrics 2019 National Conference and Exhibition, New Orleans, LA, October 26, 2019.
 - **Howell, S.**, and Stong, E. Oral health Surveillance and Program Evaluation: Barriers to Care in Teledentistry. Poster Presentation at National Network of Oral Health Access 2019 Annual Meeting, Las Vegas, October 14, 2019.
 - **Howell, S.** What's New in Public Health? Oral Presentation for ASDOH Brown Bag Lunch and Learn. Mesa, AZ, October 10, 2019.
 - **Howell, S.** Teledentistry at ASDOH and in the Community. Oral Presentation at ASDOH 2019 Faculty Advance. Mesa, AZ, September 14, 2019.
 - Shukla, C, **Howell, S**, Michaelis, R, and Cottam, W. Decreasing No Show Rates in a Dental Clinic at a Federally Qualified Health Center Following Referral from a Medical

Clinic. Poster Presentation at The Nexus Summit 2019, Minneapolis, MN, August 20, 2019.

- **Howell, S.** Using Teledentistry to Evaluate Oral Health of Youth in Detention. Poster Presentation at the International Association of Dental Research General Session, Vancouver, BC, June 21, 2019.
- **Howell, S.** What is Teledentistry & How Can it Help? Oral Presentation at From Ideas to Action: Addressing Arizona Children's Oral Health Disparities, Phoenix, AZ, April 30, 2019.
- **Howell, S.**, Lee, C., Stanko, E., and Ault, R. Grand Rounds and Evidence Based Dentistry Panel. Oral Presentation at the Special Care Dentistry Association Annual Meeting, Atlanta, GA, April 14, 2019.
- Duong, M., Fukuoka, B., Gandi, R., Hicks, J., **Howell, S.**, and Munz, S. SCD Talks. Oral Presentation at the Special Care Dentistry Association Annual Meeting, Atlanta, GA, April 14, 2019.
- **Howell, S.** Ethics and Hugh Jackman. Oral Presentation for ASDOH ASDA Ethics Week, Mesa, AZ, April 4, 2019.
- **Howell, S.**, Perry, M, Motahari, M., and Spolarich, A. IPE Through the Lens of Oral Health: A New Curriculum, Oral Presentation at ADEA Annual Session 2019, March 19, 2019.
- **Howell, S.** Teledentistry Curriculum at ASDOH. Oral Presentation for MOSDOH Lunch and Learn, March 1, 2019.
- Suter, N. and **Howell, S.** Teledentistry use to Improve Care & Health System Efficiency. Oral Presentation for the 2019 Missouri Oral Health Policy Conference, February 28, 2019.
- **Howell, S.** New Curriculum at ATSU-ASDOH. Oral Presentation at UTHSCSA, February 22, 2019.
- **Howell, S.** and Cottam, W. Delivering Care to Underserved Communities Through Telehealth Connected Teams. Oral Presentation at NNOHA 2018, New Orleans, LA, November 12, 2018.
- **Howell, S.** Molar AP Tool Kit Presentation. Oral Presentation at MOLAR, Phoenix, AZ, September 28, 2018.
- **Howell, S.** HPV Vaccination in the Dental Office, Oral Presentation to the AZ Oral Cancer Walk Planning Committee, Scottsdale, AZ September 26, 2018
- **Howell, S.**, Trombly, C., and Cottam, W. Using Teledentistry to Deliver Oral Health Services to Underserved Populations in the Phoenix Metro Area. Poster presentation at the ATSU-ASDOH Fall Research Day, Mesa, AZ, September 14, 2018.
- **Howell, S.**, Trombly, C., and Keenan, G. Managing Dental Pain in a Medical Setting: Teaching Dental Anesthesia to Medical Providers. Poster presentation at the ATSU-ASDOH Fall Research Day, Mesa, AZ September 14, 2018.
- Hnin, M., **Howell, S.**, Trombly, C., Dillenberg, J., Spolarich, A., and Cottam, W. Expanding Dental Workforce Training within Collaborative, Team-Based Care Targeting FQHC/Underserved Populations. Poster presentation at the NACHC Community Health Institute and Expo 2018, Orlando, FL, August 26, 2018.

- **Howell, S.** Teledentistry: Using Emerging Technologies to Provide Care to Underserved Communities. Oral presentation at the Texas Oral Health Conference, Austin, TX, July 26, 2018.
- **Howell, S.,** Simmons, K., and Michaelis, R. Integrated Professional Education at Community Health Centers: Training Medical and Dental Professional Students for Collaborative Care. A poster presentation at the ATSU-SOMA Faculty Development Workshop, Mesa, AZ, May 23, 2018.
- Weaver, D., Cuesta, G., Alcalá, E., Kerns, E., and **Howell, S.** Caring for the Whole Person: Integrating Oral Health & Primary Care. An oral panel presentation at the Conference for Agricultural Worker Health, San Antonio, TX, May 2, 2018.
- **Howell, S.** and Keenan, G. Managing Dental Pain in a Medical Setting: Teaching Dental Anesthesia to Medical Providers. Poster presentation at the Special Care Dentistry Association 2018 Annual Meeting, Seattle, WA, April 2018.
- **Howell, S.** Resident Grand Rounds: Resident Cases and Clinical Questions. Oral presentation at the Special Care Dentistry Association 2018 Annual Meeting, Seattle, WA, April 2018.
- **Howell, S.** and Feinstein, J. Teledentistry: Promoting Technology to Enhance Access to Care. Round table presentation at the National Oral Health Conference, Louisville, KY, April 2018.
- **Howell, S.,** Trombly, C., and Cottam, W. Using Teledentistry to Deliver Oral Health Services to Underserved Populations in the Phoenix Metro Area. Poster presentation at the National Oral Health Conference, Louisville, KY, April 2018.
- Willson, M., Mullan, F., Cottam, W., Evans, C., and **Howell, S.** Building the Case for Social Mission in Dental Education. Oral presentation at the American Dental Education Association 2018 Annual Session, Orlando, FL, March 2018.
- **Howell, S.** Hnin, M. M. T., Michaelis, R., Trombly, C., Spolarich, A., Dillenberg, J., and Cottam, C. Expanding Dental Workforce Training Within Collaborative, Team-Based Care. Poster presentation at the American Dental Education Association 2018 Annual Session, Orlando, FL, March 2018.
- **Howell, S.** Dental Local Anesthesia Training for Medical Professionals Using Innovative Techniques. Oral presentation at the American Dental Education Association 2018 Annual Session, Orlando, FL, March 2018.
- **Howell, S.** Connecting with Communities Through Teledentistry. Oral presentation at the Arizona Section of the American Academy of Dental Research, Scottsdale, AZ, November 1, 2017.
- Miller, D., Hicks, J., Beetstra, S., Cinotti, D., Perry, M., and **Howell, S.** Working Together for Successful Collaborations. Panel discussion at Project Accessible Oral Health, NYU College of Dentistry, New York, NY, October 27, 2017.
- Bertsch, M., **Howell, S.,** Mason, H. K., and Humphreys, K. Opioid Abuse. Panel discussion at The Invaluable Medical & Dental Assistant Seminar 2017, Phoenix, AZ, October 21, 2017.
- **Howell, S.,** Trombly, C., Cottam, W., and Dillenberg, J. Teledentistry in Arizona: Creating Sustainable Programs Through the Improvement of State Legislation and Policy.

Poster presentation at the Telemedicine Telehealth Service Provider Showcase, Phoenix, AZ, October 3, 2017.

- Perry, M. M., and **Howell, S.** Antibiotic Prophylaxis for Treating Patients with End-Stage Renal Disease: Results of a Three Part Study. Oral presentation at Special Care Dentistry Association Annual Meeting, Charlotte, NC, April 11, 2017.
 - **Howell, S.**, and Michaelis, R. Breaking Down Silos: Integrating Dentistry into the Medical Clinic. Oral presentation at Special Care Dentistry Association Annual Meeting, Charlotte, NC, April 12, 2017.
 - **Howell, S.**, Perry, M., Patel, N., Kothari, H., and Sturgill, J. Antibiotic Prophylaxis for Treating Patients with End-Stage Renal Disease: Results of a Three Part Study. Poster presentation at ASDOH Research Day, Mesa, AZ, February 5, 2017.
 - **Howell, S.** Patients Seen in a GPR. Oral presentation to ASDOH SCDA, October 5, 2016
 - **Howell, S.** What is Teledentistry? Oral presentation to Society of American Indian Dentists 26th Annual Conference, June 10, 2016, Mesa, AZ.
 - **Howell, S.** Effects of Radiation on Oral Cavity. Oral presentation to AZ Oral Cancer Walk planning committee. Scottsdale, AZ, March 1, 2016
 - **Howell, S.** Interprofessional Education in the Clinic: Challenges with Assessing Patient Outcomes. Poster presentation at ATSU Assessment Day, Mesa, AZ, February 9, 2016.
 - **Howell, S.** General Practice Residencies: What to Know When Applying and Why Everyone Should Do One. Oral presentation to ASDOH SCDA, December 4, 2015
 - **Howell, S.**, Patel, N, Romer, M. Protocols for Treating Patients with End-Stage Renal Disease: A Survey of AEGD/GPR Dental Residencies. Poster Presentation at the SCDA Annual Meeting, Chicago, IL, April 12, 2014.
 - **Howell, S.**, Patel, N, Romer, M. Protocols for Treating Patients with End-Stage Renal Disease: A Survey of AEGD/GPR Dental Residencies. Poster presentation at the SCDA Annual Meeting, New Orleans, LA, April 20, 2013.
- Magazine Publications
 - **Howell, S.** (2017). Innovative models of healthcare and the challenges they face. *Inscriptions* 31(3), pp. 28-30.
 - Reviewer and Collaborator for Journals and Books
 - *Special Care in Dentistry*
 - *International Dental Journal*
 - *Journal of the American Dental Association*
 - *Clinical, Cosmetic, and Investigational Dentistry*
 - Wiley
 - White Papers
 - **Howell, S.** (2019). Teledentistry: How Technology Can Facilitate Access To Care. Association of State and Territorial Dental Directors. Available from:

<https://www.astdd.org/docs/teledentistry-how-technology-can-facilitate-access-to-care-3-4-19.pdf>

XII. Grants

- **Howell, S.**, and Michaels, V. Connecting Seniors to Care Through Teledentistry. Delta Dental of Arizona Foundation. \$25,000. Awaiting decision.
- **Howell, S.**, and Michaels, V. From Teledentistry to Dental Home: Addressing the Oral Needs of Low-Income Seniors. American Dental Association Foundation. \$18,500. Not funded.
- Spolarich, A. and **Howell, S.** Managing Dental Patients with Renal Disease: Achieving Consensus on Antibiotic Appropriate Use Criteria. National Institutes of Health. \$90,000. Not funded.
- Cottam, W. and **Howell, S.** Collaborative Community Care Through Telehealth for Youth and Seniors. Delta Dental of Arizona Foundation. February 2018 – December 2020. \$40,000. Grant awarded January 2018.