

## Master's Degree in Dental Science: Translational and Clinical Science

### LIST OF RESEARCH MENTORS

Name	Academic Title	Administrative Title	Research Support	# of Mentored MS or PhD Students	Areas of Interest
Jack Caton, DDS, MS	Professor	Department Chair, Program Director, Periodontics; Associate Director for Education, EIOH	Commercial	5 MS Co-mentored: 12 MS 5 PhD	Wound healing, diagnosis, tissue engineering, clinical trials
Sharon Elad, DMD, MSc	Professor	Chair, Oral Medicine		Mentored and co-mentored: 1 MS 22 DMD theses	Oral diseases, graft versus host disease, oral manifestations of systemic diseases, oral complications of cancer therapy, mucositis, dental treatment of medically complex patients, topical treatments
Eli Eliav, DMD, MSc, PhD	Professor	Director, EIOH; Vice Dean for Oral Health, University of Rochester Medical Center	Commercial	None	Chronic pain, neuropathic pain, chronic orofacial pain, transition from acute to chronic pain, pain modulation
Carlo Ercoli, DDS	Professor, Prosthodontics and Periodontics	Chair and Program Director, Prosthodontics	Commercial and Foundations	1 MS	Biomechanics of dental implant, dental materials, cutting protocols for tooth and bone substrates
Jingyuan Fan, DDS, PhD	Assistant Professor		Eastman Institute for Oral Health	1 MS	Immunopathogenesis and periodontal disease, periodontal regeneration
Leonard Fishman, DDS	Professor	Research Director, Orthodontics Department	None	15 MS	Growth and development
Paul Funkenbusch, MS, PhD	Professor of Mechanical Engineering and Materials Science		National Science Foundation and Commercial	4 MS 10 PhD	Experimental design, materials and mechanics, manufacturing and health-related applications
Sangeeta Gajendra, DDS, MPH, MS	Associate Professor	Department Clinical Chief, Department of Community Dentistry and Oral Disease Prevention; NYS DPH Residency Program Eastman Dental Site Director	Foundation and NYSDOH Dental Bureau	1 MPH, 1 MS (current) AEGD residents, 2 DPH residents	Epidemiology of oral diseases, risk assessment, smoking (traditional, e-cigarette) and periodontal disease, quality of life assessment, oral health surveillance programs, evaluation of public health programs
Wei Hsu, PhD	Dean's Professor, Department of Biomedical Genetics, Center for Oral Biology and Professor, Cancer Center		NIH – NIDCR and NCI and NYS DOH – New York Stem Cell	12 PhD/Postdocs 2 visiting scholars 15 BS	Craniofacial morphogenesis, skeletal development and disease, neural development and degeneration, stem cell biology, birth defects, cancer biology

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Dorota Kopycka-Kedzierawski, DDS, MPH	Associate Professor, Department of Community Dentistry and Oral Disease Prevention		NIH	Co-mentored: 3 MS	Epidemiology of oral diseases, especially dental caries, risk factors of ECC, teledentistry, obesity and caries
Hans Malmström, DDS	Professor	Program Director, Advanced Education in General Dentistry and Chair, Department of General Dentistry	Commercial	Co-mentored: 4 MS	Implantology, laser, halitosis, oral surgery, cariology and esthetic dentistry
Luiz Meirelles, DDS, PhD	Assistant Professor, Eastman Institute for Oral Health & Biomedical Engineering		Commercial	3 MS 1 MS candidate Co-mentored: 3 PhD	Dental implants, tissue responses, osseointegration, peri-implant regeneration, biomaterials, surface properties, clinical follow-up
Cyril Meyerowitz, DDS, MS	Professor	Director Emeritus, Eastman Institute for Oral Health	NIH	1 MS Co-mentored: 15 MS or MPH	Cariology, salivary dysfunction, dental aspects of medically compromised patients and postdoctoral general dentistry education, practice-based clinical research
Catherine Ovitt, PhD	Associate Professor, Biomedical Genetics, Center for Oral Biology		NIDCR/NIH, Wilmot Cancer Center, Sjogren's Syndrome Foundation	3 PhD	Salivary gland function, salivary gland repair and regeneration, radioprotection of the salivary glands, salivary gland carcinomas
Robert Quivey, PhD	Professor of Microbiology and Immunology in the Center for Oral Biology	Director, Center for Oral Biology	NIH	3 MS 12 PhD Co-mentored: 33 MS 24 PhD	The stress-adaptive defenses of Streptococcus mutans and their role in the pathophysiology of dental caries
Yanfang Ren, DDS, PhD, MPH	Professor, Department of General Dentistry	Associate Chairman, General Dentistry and Clinical Chief, Urgent Care – Eastman Institute for Oral Health	Commercial	2 MS	Clinical and translational research in general dentistry
P. Emile Rossouw, BChD, PhD	Professor	Chair, Department of Orthodontics	Commercial	5 MS	Bonding, translational research, growth and development including long-term changes and stability, retention, clinical trials including biomechanics, anchorage and outcomes

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Ralph H. Saunders, DDS, MS	Professor	Director of Dental Service, Monroe Community Hospital	None	2MS	Investigations of clinical issues in geriatric dentistry including the impact of the use of medications on saliva flow, behaviors of older patients and clinicians who provide their care, epidemiology and preventive dentistry for older adults and issues in education in geriatric dentistry
Ross Tallents, DDS	Professor	Program Director, Temporomandibular Joint Disorder Program		4 MS	Pain: clinical and animal studies
Edwin van Wijngaarden, MSc, PhD	Associate Professor, Public Health Sciences	Director, Doctoral Program in Epidemiology and Chief, Division of Epidemiology	NIH	29 MS 11 PhD Co-mentored: 16 MS 15 PhD	Evaluating the effect of environmental, chemical and physical agents on neurobehavioral and cognitive conditions and cancer
Gene Watson, DDS, MS, PhD	Associate Professor, Department of Dentistry, Department of Environmental Medicine & Department of Pharmacology and Physiology	Director of Salivary - Dysfunction Center (Department of Dentistry); Director, Mercury Analytical Laboratory (Department of Environmental Medicine)	NIEHS, NIDCR & Commercial	Co-mentored: 4 MS 2 PhD	Toxicology of mercury and other heavy metals, disturbances of salivary gland function, dental caries, pharmacologic agents
Cynthia Wong, DMD, MS	Assistant Professor, Department of Dentistry, Division of Pediatric Dentistry	Research Coordinator – Division of Pediatric Dentistry	None	None	Early childhood caries, caries prevention modalities: chemotherapy, motivational interviewing, dental trauma
Xinping Zhang, MD, MSc, PhD	Associate Professor, Center for Musculoskeletal Research		NIH/NIAMS	None	Tissue engineering periosteum, intravital imaging of cranial defect repair and molecular control of osteogenic differentiation of MSCs