



**Ludwik Branski, M.D. M.M.S.** is an Associate Professor in the Department of Surgery, Division of Plastic Surgery, UTMB, and a staff surgeon at the Shriners Children's Texas Hospital. He serves Director of Plastic Surgery Research and holds the Frederick R. Jones Professorship in Plastic Surgery. His clinical interests include acute and reconstructive burn surgery, pediatric reconstructive surgery, management of complicated wounds, scar surgery, hand surgery and general plastic surgery. His research interests include burn metabolism, hypertrophic scars and keloids, fat grafting, and burn reconstruction.

Dr. Branski's DoD-funded work elucidates the effects of recombinant human Growth Hormone on the catabolic response in burned adults. Additional work funded by the NIH includes assessment of pharmacological treatments of Toxic Epidermal Necrolysis; he is a site leader in this trial comparing therapeutic efficacy. He serves as co-investigator on two R01-funded studies, one utilizing enhancement of stem cell regenerative properties by hydrogen sulfide with a novel wound dressing to augment stem cell therapies, and another to determine the effects of propranolol on burn wound healing and scarring.

As both an acute burn surgeon and reconstructive plastic surgeon, he translates findings from animal models to human patients, investigating the most devastating consequences of burn injuries.