

**2005 NSUR 278: From Science to Business
Innovation in Neuroscience
Schedule 4/7/2005**

	Session 1 March 31	Session 2 April 7	Session 3 April 14	Session 4 April 21	Session 5 April 28	Session 6 May 5	Session 7 May 12	Session 8 May 19	Session 9 May 26	Session 10 June 2
Location	Clark Center Auditorium	PWLT	PWLT	PWLT	PWLT	S360 Clark Center	PWLT	PWLT	PWLT	
Time	4:15	5:15	5:15	5:15	5:15	4:15	4:15	4:15	4:15	
Lecturer	VK	VK	VK	VK	VK	VK	VK	VK	VK	
Team Project			Interim Report				Interim Report			Final Presentation
Content	Introduction to course Team formation and assignments	Key business concepts (1) Business organization and venture capital	Key business concepts (2) Regulatory, IP & reimbursement issues	Alzheimer's Disease/Memory Disorders	Functional neurosurgery/Deep Brain Stimulation	Cerebrovascular Disease (Stroke, Aneurysms)	Spine	Brain Tumors	Neuroprosthetics Ethics/ Drug Development	Presentation of group projects
Lecture	Neurologic disease – overview and unmet needs	Company formation What's needed and how to proceed	Regulatory and reimbursement strategies for medical devices and biopharmaceutical products	Pathophysiology current therapy, unmet need	Pathophysiology current therapy, unmet need	Pathophysiology current therapy, unmet need	Pathophysiology current therapy, unmet need	Pathophysiology current therapy, unmet need	Neuroprosthetics	
Lecturer:	Vera Kallmeyer	Barclay Kamb Cooley Godward	Paul Nagle Biomedical Insights	Victor Henderson Dept. Neurology	Jaimie Henderson	Gary Steinberg	Dan Kim	Steve Chang	Krishna Shenoy	
Case Study	Introduction to team project and mentor selection	CNS Ventures and venture capital	IP- practical guidelines on the why, how and when to protect	Company presentation	Company presentation	Company presentation	Company presentation	Company presentation	Ethics and drug Development	
Company / Lecturer	Vera Kallmeyer	Mark Cochran Neuro Ventures	Tracy Dunn Affymax	Thorsten Melcher Saegis	Frank Fisher Neuropace	Corey Goodman Renovis	Karen Talmadge Kyphon	John Adler Accuray		

Course Director:

Vera Kallmeyer, MD, PhD; Consulting Professor Department of Neurosurgery

Co-Director:

Gary Steinberg, MD, PhD; Chair Department of Neurosurgery