



**HOUSE COMMITTEE ON SMALL BUSINESS
Witness Disclosure Statement
Required by House Rule XI, Clause 2(g)**

Your Name: Robert N. Schmidt		
1. Are you testifying on behalf of a Federal, State, or Local Government entity?	YES	NO X
2. Are you testifying on behalf of an entity other than a Government entity?	YES X	NO
3. Other than yourself, please list what entity or entities you are representing: Small Business Technology Council (SBTC)		
4. Please list any offices or elected positions held or briefly describe your representational capacity with the entities disclosed in question 3. I am the National Co-Chair of the SBTC		
<i>(For those testifying on behalf of a Government entity, ignore these questions below)</i>		
5. a) Please list any Federal grants or contracts (including subgrants or subcontracts), including the amount and source (agency) which <u>you</u> have received and/or been approved for since October 1, 2006: I am the founder, CEO, and Chairman of five companies: Cleveland Medical Devices Inc., Orbital Research Inc., Flocel Inc., NeuroWave Systems Inc., and Great Lakes NeuroTechnologies Inc. (see attach^{ed})		
b) If you are testifying on behalf of a non-governmental entity, please list any federal grants or contracts (including subgrants or subcontracts) and the amount and source (agency) received by the <u>entities listed under question 3</u> since October 1, 2006, which exceeded 10% of the entities' revenues in the year received: None		
6. If you are testifying on behalf of a non-governmental entity, does it have a parent organization or an affiliate who you specifically do not represent? If so, list below: National Small Business Association (NSBA)	YES X	NO

Signature: Robert N. Schmidt

Digitally signed by Robert N. Schmidt
DN: cn=Robert N. Schmidt, o=Cleveland
Medical Devices Inc., ou,
email=RBSchmidt@cleveland.com, c=US
Date: 2014.05.08 14:45:41 -0400

Date: 5/6/2014

**Cleveland Medical
Devices Inc. Grants
and Contracts 2006-
2014**

#	ID	Agency	Firm Name & Address	Phase 1 Year / Amt Phase 2 Year / Amt	Title
44	<u>66633</u>	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2003 2006 \$145,813.00 \$1,282,074.00	Wireless EEG and Attention Evaluation System for ADHD
45	<u>66655</u>	HHS	CLEVELAND MEDICAL DEVICES, INC. CLEVELAND MEDICAL DEVICES, INC. 11000 CEDAR AVE, STE 130/461 CLEVELAND, OH 44106	2003 2003 \$942,772.00	Seizure Analysis and Prediction System
46	<u>66709</u>	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2003 2008 \$132,356.00 \$1,482,854.00	Wireless Movement Disorder Monitor
47	<u>70939</u>	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2004 2006 \$156,137.00 \$888,333.00	Intelligent Quantitative CPAP for OSA therapy
48	<u>70989</u>	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2004 \$118,085.00	Wireless Telemetry Test Unit

49	71035	HHS	CLEVELAND, OH 44103 CLEVELAND MEDICAL 4415 EUCLID AVE	2004	\$176,785.00	Novel Real-Time Algorithms: Quantifying Wake-Sleep States
50	71760	HHS	CLEVELAND, OH 44103 CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2004 2006	\$142,806.00 \$896,183.00	Untethered Home Therapy System
51	71761	HHS	Cleveland Medical 4415 Euclid Ave Cleveland, OH 44103	2004 2005	\$204,478.00 \$1,094,862.00	Wireless EEG/PSG System with Novel Artifact Removal
52	71799	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103	2004 2006	\$174,818.00 \$1,125,163.00	Intraoperative Brain Dysfunction Monitor/Detector
53	74022	DOD, Army	CLEVELAND MEDICAL DEVICES, INC 4415 Euclid Ave. Cleveland, OH 44103	2005 2006	\$70,000.00 \$729,933.00	Ambulatory, Miniaturized, Automatic EEG Seizure Detector
54	75470	HHS	Cleveland Medical 4415 Euclid Ave Cleveland, OH 44103	2005	\$250,000.00	Hot Flash Ambulatory Monitor
55	75740	HHS	Cleveland Medical Devices, Inc 4415 Euclid Ave	2005	\$219,526.00	Ambulatory Sleepiness & Apnea Propensity Evaluation Syst
56	76067	HHS	Cleveland Medical Devices, Inc	2005		Adaptive Wireless Computer Mouse for Movement Disorders

57	76418	HHS	4415 Euclid Ave Cleveland, OH 44103 Cleveland Medical Devices Inc 4415 Euclid Ave	2005	\$199,269.00	Multimodal Pediatric Motor Recovery System
58	76433	HHS	Cleveland, OH 44103 Cleveland Medical 4415 Euclid Ave	2005 2005	\$173,955.00 \$645,175.00	Neonatal Intensive Care Unit Telemetry System
59	79775	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103	2006	\$193,925.00	The ALS Locked-in Communicator
60	79999	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103	2006	\$245,093.00	Adherence Activity & Outcome Measure Belt for Yoga
61	80070	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103	2006	\$2,822,937.00	Field Deployable, Automatic, EEG Seizure Detector and Brain Dysfunction Monitor
62	80242	HHS	CLEVELAND MEDICAL DEVICES INC 4415 EUCLID AVE CLEVELAND, OH 44103	2006	\$186,663.00	Intelligent Task Assist Device for Motor Control in Cerebral Palsy
63	80370	HHS	CLEVELAND MEDICAL DEVICES INC 4415 EUCLID AVE CLEVELAND, OH 44103	2006 2007	\$162,079.00 \$986,983.00	Side-by-side comparison of blood-brain barrier models

64	80601	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103		\$399,494.00	Untethered Mouse EEG Radio for Sleep
65	85906	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2007	\$249,511.00	Multivariate Parkinson's Disease Prediction System
66	85907	HHS	CLEVELAND MEDICAL 4415 EUCLID AVE CLEVELAND, OH 44103	2007	\$182,648.00	Novel Fast Install EEG electrode (FIG)
67	88677	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2008 Ph II 2009 Ph II	\$245,605.00 \$482,339 \$992,570.00	ParkinTune: Automated PD Motor Symptom Assessment for DBS Programming
68	89318	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2008 Ph I 2010 Ph II	\$237,546.00 \$1,542,580.00	Positive Airway Pressure Gas Modulator - A Novel Method to Treat Central Sleep Apnea
69	89404	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2008 Ph I	\$189,632	Motor Intention Based Training and Discrimination System
70	93327	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 Ph II	\$482,339	ParkinStep: Automated PD Gait and Balance Assessment for Optimizing DBS
71	93335	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 Ph I	\$201,971	ETSense: Adaptive Portable Essential Tremor Monitor
72	93920	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 Ph I	\$256,311	Nighttime Acoustic Pharyngometer (NAP) for Airway Obstruction Identification
73	93994	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 Ph I	\$399,068	PDRemote: Automated Telehealth Diagnostics for Remote Parkinson's Monitoring

74	94066	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 PH I \$540,680	BradyXplore: Bradykinesia Feature Extraction System
75	94079	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE	2009 Ph I \$293,888	Stimulation Induced Modulation of Sleep
	2 R44 NS04245	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2006 Ph II \$980,873	Pre-Operative PSG Assessment of Cardiac Surgery Inpati
	1R43HL11229	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2011 Ph I \$218,497	Dual Respiratory Effort and Airflow Monitor Belt using a new gel microphone
	1R43HL09745	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2011 Ph I \$284,156	Treatment of Sleep Apnea using a Positive Airway Pressure Rebreathing Modulator
	2R44NS05311	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE Cleveland, OH 44103	2011 Ph II \$1,041,520	Self Abrading Rapidly Applied (SARA) Electrode
	1R43HL12042	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2013 Ph I \$210,951	Oral Appliance Compliance & Efficacy (ACE) System
	1R43NS08210	HHS	CLEVELAND MEDICAL DEVICES, INC. 4415 EUCLID AVE CLEVELAND, OH 44103	2013 Ph I \$484,487	Medical Imaging Motion Monitor (MIMM)

		Great Lakes NeuroTechnologies Inc. Grants and Contracts 2006-2014				
#	ID	Agency	Firm Name & Address	Phase		
				1 Year/Amt	2 Year/Amt	
				Title		
	1R43NS074627-01A1		Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44119	Ph I	\$256,039	Kinesia-HS: High Sensitivity System for Facilitating Parkinson's Drug Trials
	7R44AG033520-04		Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44120	Ph II	\$32,616	ParkinTune: Automated PD Motor Symptom Assessment for DBS Programming
	2R44AG034708-02A1	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph II	\$1,671,946	ET Sense: Adaptive Portable Essential Tremor Monitor
	1R43NS077652-01A1	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph I	\$289,956	ParkinStim: Transcranial Direct Current Stimulation for Parkinson's Disease
	2R44AG033947-03A1	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph II	\$2,864,569	ParkinStep: Automated PD Gait and Balance Assessment for Optimizing DBS
	2R44NS065554-05	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph I Ph II	\$104,227 \$1,503,760	BradyXplore: Bradykinesia Feature Extraction System
	4R44NS073561-02	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph I	\$ 242,968	MyoSense: Automated Muscle Hypertonicity Classification System
	5R44MD004049-04	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph II	\$1,174,175	PDRemote: Automated Telehealth Diagnostics for Remote Parkinson's Monitoring
	1R43NS081902-01	NIH	Great Lakes NeuroTechnologies Inc. 10055 Sweet Valley Drive, Valley View, OH 44125	Ph I	\$283,828	DBS-Expert: Automated Deep Brain Stimulation Programming Using Functional Mapping

**NeuroWave Systems Inc.
Grants and Contracts
2006-2014**

#	ID	Agency	Firm Name & Address	Phase 1 Year/Amt Phase 2 Year/Amt	Title
1	71035	HHS	NEUROWAVE SYSTEMS, INC. NEUROWAVE SYSTEMS, INC. 4415 EUCLID AVE, 4TH FL CLEVELAND, OH 44103	2009 \$1,247,135.00	Novel Algorithms and Device for Quantification of Wake-Sleep States
2	96421	HHS	NEUROWAVE SYSTEMS, INC. NEUROWAVE SYSTEMS, INC. 2490 LEE BLVD. CLEVELAND HEIGHTS, OH 44118	2010 \$499,770.00	NeuroBehavioral Tool for Assessment of Sleep Structure in Psychiatric Disorders
3	96848	DOD, OSD	NeuroWave Systems Inc. 2490 Lee Blvd Suite 300 Cleveland Hts, OH 44118	2010 \$100,000.00	Wearable Device to Quantify Sleep & Sleepiness Abnormalities for Detection of mTBI

5R44MH0674	NIH	NeuroWave Systems Inc.	2008 PH II \$382,195	Wireless EEG and Attention Evaluation System for ADHD
W81XWH-06	Army	NeuroWave Systems	2008 \$22,023	Evaluation of Noninvasive Physiological Signals, particularly EEG Brain Activity, for Cardiovascular
W81XWH-06	Army	NeuroWave Systems	2008 Ph II \$1,399,932	Ambulatory, Miniaturized, Automatic EEG Seizure
6R44NS0469	NIH	NeuroWave Systems	2008 Ph II \$423,726	Wireless EEG/PSG System with Novel Artifact Removal
6R44NS0478	NIH	NeuroWave Systems	2008, Ph II \$354,827	Intraoperative Brain Dysfunction Monitor/Detector
6U44NS0579	NIH	NeuroWave Systems	2008, Ph II \$744,488	Field Deployable, Automatic, EEG Seizure Detector and Brain Dysfunction Monitor

					2011, Ph I \$149,420 2012 Ph II \$999,997	Deployable Closed-Loop Anesthesia System
	W81XWH-11 Army	NeuroWave Systems				
	W81XWH-12 Army	NeuroWave Systems			2012, Ph II \$2,495,279	Battlefield Seizure Detector for TBI Assessment (Seiz TBI)
	1R43GM1082 NIH	NeuroWave Systems			2013, Ph I \$357,616	New Quantitative Monitor for Continuous Assessment of ICU Sedation (OptiSED)

**Flocel Inc. Grants and
Contracts 2006-2014**

#	ID	Agency	Firm Name & Address	Phase 1 Year / Amt Phase 2 Year / Amt	Title
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2R42NS054348-02	NIH	Flocel Inc. 4415 Euclid Ave., Cleveland, OH 44103	2007 Ph II \$986,983	Side-by-Side Comparison of Blood-Brain Barrier Models
2R42MH093302-02	NIH	Flocel Inc. 4415 Euclid Ave., Cleveland, OH 44103	2012 Ph II \$1,039,102	Development of a BBB model to study transendothelial cell migration

Orbital Research Inc. Grants and Contracts 2006-2014

#	ID	Agency	Firm Name & Address	Phase		Title
				1 Year/Amt	2 Year/Amt	
45	70289	DOD, Navy	ORBITAL RESEARCH, INC. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	2004	\$70,000.00	A MEMS-Based Sensor for Automation and Control of Fluid Valves
				2006	\$400,000.00	
46	70825	HHS	ORBITAL RESEARCH, INC. ORBITAL RESEARCH, INC. 4415 EUCLID AVE, STE 500 CLEVELAND, OH 44103	2004	\$500,000.00	Wafer-Level Packaged Microvalve for Braille Display
				2005	\$100,000.00	
48	73214	DOD, AF	ORBITAL RESEARCH, INC. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	2005	\$100,000.00	General Feedback Control for Distributed Flow Control Devices
				2006	\$853,473.00	
49	75058	DOD, Navy	ORBITAL RESEARCH, INC. 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2005	\$150,000.00	Standardized High Temperature Actuator Interface
				2007	\$750,000.00	
50	77133	DOD, Navy	ORBITAL RESEARCH, INC. 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2006	\$150,000.00	Aerodynamic Maneuvering and Control Actuation System for a Guided Destructive Expendable
				2007	\$750,000.00	

51	<u>77297</u>	DOD, Army	ORBITAL RESEARCH, INC. 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2006 2008	\$70,000.00 \$729,994.00	Low-Cost Miniature Control Actuation System for Gun-Fired Munitions
52	<u>79885</u>	HHS	ORBITAL RESEARCH, INC. ORBITAL RESEARCH, INC. 4415 EUCLID AVE, STE 500 CLEVELAND, OH 44103	2006 2008	\$141,738.00 \$1,557,346.00	MEMS Valves for Tactile Braille Text and Display
53	<u>82141</u>	DOD, AF	ORBITAL RESEARCH, INC. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	2007	\$100,000.00	High Temperature Electronics for Spacecraft Power Management and Distribution
54	<u>82235</u>	DOD, AF	ORBITAL RESEARCH, INC. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	2007	\$100,000.00	Energy Harvesting (EH) for Small Air Vehicles
55	<u>82737</u>	DOD, Navy	ORBITAL RESEARCH, INC. 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2007 2008	\$99,999.00 \$749,999.00	ACTUATOR INTEGRATED MISSILE STEERING SYSTEM (AIMSS) FOR SUPERSONIC MISSILES
56	<u>83852</u>	NASA	Orbital Research, Inc. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	2007 2008	\$100,000.00 \$599,999.99	Lunar Health Monitor Plasma Aerodynamic Control Effectors for Improved Wind Turbine Performance
57	<u>84188</u>	DOE	Orbital Research, Inc. 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2007	\$100,000.00	Temperature-Tolerant Processor
58	<u>86608</u>	DOD,	ORBITAL RESEARCH, INC.	2008		

		AF	4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2008	\$100,000.00	For Reliable Control
59	87087	DOD, Army	4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2008	\$70,000.00	Light Weight Collective Pitch Control Systems for Swashplateless Rotors
60	90845	NASA	Orbital Research, Inc. 4415 Euclid Avenue, Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2009	\$730,000.00	Universal Smart Sensor Interface
61	91280	DOD, OSD	4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2009	\$100,000.00	Battle Dress Physiologic Monitor (BDPM)
62	92398	DOD, Navy	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2009 2010	\$79,999.00 \$750,000.00	Pilot Physiologic Assessment System (PPAS)
63	92893	DOD, AF	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2009 2010	\$100,000.00 \$749,920.00	FADEC Workload Reduction through Standardized Fault Tolerant Smart Sensing Nodes
64	93877	HHS	ORBITAL RESEARCH, INC. ORBITAL RESEARCH, INC. 4415 EUCLID AVE, STE 500 CLEVELAND, OH 44103	ORBITAL RESEARCH, INC.	2009	\$181,545.00	NONA Garment Project: Noninvasive Observation of Natal Activity
65	96652	DOD, DMEA	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	ORBITAL RESEARCH, INC.	2010	\$99,999.00	Machine Diagnostics System on a Chip

66	97317	DOD, AF	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2010	\$100,000.00	Force Learning Robotic System for Dynamic Characterization of Micro-Scale Aerial Vehicles
67	97461	DOD, AF	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2010	\$100,000.00	Improved Full Authority Digital Engine Control (FADEC) System
68	98095	DOD, Navy	Orbital Research Inc 4415 Euclid Avenue Suite 500 Cleveland, OH 44103	2010	\$70,000.00	Affordable Rotorcraft Air Vehicle Drag Reduction for Cruise Efficiency and Enhanced Lift Using Plasma Flow Control
	W15QKN-08-C-Army Youngstown St. DoE H94003-11-P-1 DMEA University of Hi: 10-9-0002 TANC NNX11CD88P NASA H92222-11-P-0 Army		Orbital Research Orbital Research Orbital Research Orbital Research Orbital Research Orbital Research Orbital Research	2011 Ph II \$2,074,494 MCAS 2011 Ph II \$420,000 YSU Comm Wind Turbine 2010, Ph I \$99,999 Machine Diagnostics Chip 2011 \$40,000 CO2 PO 2010 \$40,000 Hybrid HEA UH PO Nov-10 Apr-11 40,000 2011 Ph I, \$100,000 Data PI 2012, Ph I \$100,000 SOCOM		