

MINUTES OF THE MEETING
OF THE
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES

February 11, 2011

President Simon called the meeting of the Board of Trustees to order at 9:30 a.m. in the Board Room.

Trustees present: Brian Breslin, Dianne Byrum, Joel Ferguson, Melanie Foster, Mitch Lyons, Faylene Owen and Diann Woodard.

Trustees absent: George Perles.

University officers present: President Simon, Provost Wilcox, Vice President Poston, Secretary Beekman, Vice President and General Counsel Noto, Vice Presidents Gray, Groves, and Webster, and Interim Vice President Maybank and Senior Advisor and Director Granberry Russell. Faculty liaisons present: Mary Noel, John Powell, Sandy Schneider, and Mariam Sticklen. Student liaisons present: Stefan Fletcher, Emeka Igwe and Christopher Schotten.

All actions taken were by unanimous vote of the Trustees present, unless otherwise noted.

1. On a motion by Trustee Owen, supported by Trustee Foster, the **BOARD VOTED to approve** the agenda.
2. On a motion by Trustee Foster, supported by Trustee Owen, the **BOARD VOTED to approve** the minutes of the Board meetings of December 10, 2010 and January 11, 2011.
3. President's Report

President Simon provided the following report to the Board.

A. Awards Convocation

The 2011 MSU Awards Convocation was held February 8, 2011. The program recognized recipients of the Distinguished Faculty Awards, the Teacher-Scholar Awards, the Outreach Scholarship Community Partnerships Award, the MSU Alumni Club of Mid-Michigan Quality in Undergraduate Teaching Awards, the Distinguished Academic Staff Awards, the Excellence in Teaching Awards, and the Robert F. Banks Award for Institutional

Leadership. Congratulations to all those honored for their outstanding contributions to Team MSU.

B. MSU Faculty Honored by National Science Association

The American Association for the Advancement of Science has named six MSU researchers AAAS Fellows. Their work involves a broad range of topics, including infertility research, plant genetics, and rare isotopes. These fellows not only bring distinction to MSU but help advance vital science research for the 21st century.

C. College of Osteopathic Medicine Professor Honored

Dr. Terrie Taylor, a University Distinguished Professor of Internal Medicine, was awarded a 2011 Excellence in Medicine Award by the American Medical Association Foundation. This award honors a select group of physicians who exemplify the medical profession's highest values: commitment to service, community involvement, altruism, leadership, and dedication to patient care. Dr. Taylor has dedicated her life to studying malaria in Malawi, performing clinical research, training physicians and medical students, and working with the people, particularly children.

D. College of Human Medicine Professor Receives Prestigious Technology Award

Dr. Michael Zaroukian, MSU Professor of Medicine and Chief Medical Information Officer, has been awarded the 2010 Healthcare Information and Management Systems Society Physician IT Leadership Award for his leadership in applying health information technology and medical computing to improve physician access and use of medical information in patient care, education and administration.

E. MSU Professor Elected to the National Academy of Engineering

Professor Joan Rose, Homer Nowlin Endowed Chair of Water Research and co-director of the Center for Water Sciences, was elected to The National Academy of Engineering for her contributions to improving water quality safety and public health. Election to the NAE is among the highest professional distinctions accorded to an engineer.

F. Department of Police and Public Safety

MSU's Department of Police and Public Safety won the 2010 Michigan Award for Excellence in Traffic Safety for accident reduction and roadway and traffic safety. This award, which the department has won four times, comes with a \$10,000 equipment grant.

G. Media Award

The MSUToday Show won a prestigious 2010 Cine Golden Eagle Award in the Science & Technology category of Professional Telecast for its segment on the "Cyclotron Rap." This award recognizes the excellent broadcasts that MSU has been producing over the past several years.

H. MSU Students Studying in Egypt

In response to the U.S. State Department's travel warning for Egypt, MSU has suspended all study abroad programs in that country. Seven MSU students were studying in Egypt this semester. All of the students had been evacuated as of January 31, 2011.

I. MSU and Lansing Community College Join in Effort to Increase Minority Study of the Sciences

MSU, the University of Michigan, Western Michigan University, and Wayne State University are welcoming nine community colleges, including LCC, into the Michigan—Louis Stokes Alliance for Minority Participation that was founded in 2005. The alliance is designed to produce diversity in science and math workforce training and has helped minority graduation rates in technology and engineering increase almost 50 percent. Bringing graduation rates for minorities up to 100 percent is the goal of this next phase of the alliance.

J. MSU to Grow More Biofuel Plants

To avoid the use of farm land for growing biofuel crops, MSU researchers are studying whether nontraditional crop land, such as highway rights of way, vacant urban lots, and airport property can be used to grow switch grass and three oilseed crops. Funded in part by a \$476,000 grant from the Michigan Department of Energy, Labor, and Economic Growth, this research could lead to growing Michigan's economy, preserving our environment, and decreasing our dependence on foreign oil.

K. FRIB Bringing the Best Minds to Michigan

With the construction of the Facility for Rare Isotope Beams to begin in 2012, the effects of this project are already being felt. MSU's nuclear physics program is now ranked number one in the nation, and world class researchers are flocking to Michigan to be part of the world's most powerful heavy-ion accelerator. The seven-year construction begins in 2013, and the facility will be fully functional by 2020.

L. Science Café

To share science with the surrounding communities, the MSU chapter of the American Chemical Society hosted a "Science Café" to explore "Energy Science." Held in conjunction with the International Year of Chemistry, the evening included a talk on global energy concerns and research into alternative energy sources.

M. Black History Month

In honor of Black History Month, MSU is hosting the 11th annual visiting faculty lecture series, "Slavery to Freedom: An American Odyssey." Sponsored by the College of Osteopathic Medicine, the series will feature presentations by three civil rights leaders who will also spend time with students.

N. Steve Webster Resolution

Vice President for Governmental Affairs Steve Webster has accepted the position of CEO and chairman of the Prima Civitas Foundation, a Lansing-based nonprofit economic and community collaborative that serves committees across the state of Michigan. Steve has provided exceptional service to MSU since 1995.

Trustee Foster presented a Board of Trustees resolution to Mr. Webster honoring him for his service to MSU. (Appendix A)

4. There was no public participation on issues germane to the agenda.

5. Personnel Actions

President Simon presented the following personnel action:

Burnham, Mark, AN—Associate Vice President for Governmental Affairs, Office of the Vice President for Governmental Affairs, for a change in title to Vice President for Governmental Affairs, effective February 1, 2011.

Trustee Ferguson **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

Provost Wilcox presented the following personnel actions:

Nickoloff, Brian, J., AN—Professor, Department of Surgery; CHM West Michigan, \$150,000, with Tenure, effective April 4, 2011.

Zhang, Ping, AN—Professor, Department of Surgery, \$130,000, with Tenure, effective February 28, 2011.

Buhler, Douglas, D., AN—Associate Dean, College of Agriculture and Natural Resources,; Associate Director, Michigan Agricultural Experiment Station; Professor, Department of Crop and Soil Sciences, for a change in title to Interim Dean, College of Agriculture and Natural Resources and for a change in salary rate to \$210,000, effective February 1, 2011.

Dantonio, Mark J., AN—Head Coach—Football, Intercollegiate Athletics, Subject to Contract, effective January 15, 2015 to January 14, 2016.

Trustee Ferguson **moved to approve** the recommendations, with support from Trustee Byrum.

Provost Wilcox said that Professor Nickoloff received both a Ph.D. and M.D. from Wayne State University. Dr. Nickoloff has served as Professor of Pathology, Microbiology and Immunology at Loyola University since 1996.

Provost Wilcox said that Professor Zhang has served at Glasgow University and, most recently, Louisiana State University as a Professor in the Departments of Medicine; Physiology; and Microbiology, Immunology and Parasitology.

Provost Wilcox said that Professor Buhler received a Ph.D. from the University of Nebraska. He served at the USDA as a Research Agronomist and most recently at MSU as a Professor in the Department of Crop and Soil Sciences and Associate Director of AgBioResearch.

THE BOARD VOTED to approve the recommendations.

6. Gifts, Grants, and Contracts

It was recommended that the Board of Trustees approve the Gift, Grant and Contract Report for the period of December 1, 2010 through February 1, 2011. The report is a compilation of 229 Gifts, Grants and Contracts, 80 Consignment/Non-Cash Gifts, with a total value of \$46,680,195.

Trustee Foster **moved to approve** the recommendation, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendation.

Vice President Gray introduced Dr. Timothy Collier, EA Brophy Chair, College of Human Medicine. Dr. Collier made a presentation to the Board on aging and Parkinson's disease. (Appendix B)

7. Finance Committee

Trustee Breslin presented the Trustee Finance Committee Report and recommendations.

A. Appointment of External Investment Advisory Subcommittee Members

It was recommended that the Board of Trustees appoint Phil Zecher and reappoint Gary L. Seevers as external members of the Investment Advisory Subcommittee.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

B. New Investment Manager—Conatus Capital Management, L.P.

It was recommended that the Board of Trustees select Conatus Capital Management, L.P. as an investment manager.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Byrum.

THE BOARD VOTED to approve the recommendation.

C. Authorization to Plan—Music Building—Auditorium Renovations

It was recommended that the Board of Trustees authorize the Administration to plan for the project entitled Music Building—Auditorium Renovations.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

- D. Authorization to Plan—Spartan Stadium—Alterations to Rooms on Levels 200 and 300

It was recommended that the Board of Trustees authorize the Administration to plan for the project entitled Spartan Stadium—Alterations to Rooms on Levels 200 and 300.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

- E. Project Approval—Authorization to Proceed—Library—Chiller Replacement

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Library—Chiller Replacement, and to approve a budget of \$9,500,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Ferguson.

THE BOARD VOTED to approve the recommendation.

- F. Project Approval—Authorization to Proceed—Steam Distribution—Replace Deteriorated Steam Service to Spartan Stadium and Central Services

It was recommended that the Board of Trustees authorize the Administration to proceed with the project entitled Steam Distribution—Replace Deteriorated Steam Service to Spartan Stadium and Central Services, and to approve a budget of \$3,600,000.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

G. Bid and Contract Award—Cherry Lane and Faculty Bricks Apartments Demolition

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$2,796,180 to E.T. Mackenzie Company for the project entitled Cherry Lane and Faculty Bricks Apartments Demolition.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Ferguson.

THE BOARD VOTED to approve the recommendation.

H. Bid and Contract Award (budget reduction) Bailey Hall and Rather Hall Renovations

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$24,900,000 to Clark Construction Company and to reduce from \$35,000,000 to \$33,500,000 the budget for the project entitled Bailey Hall and Rather Hall Renovations.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Foster.

THE BOARD VOTED to approve the recommendation.

I. Bid and Contract Award (scope adjustment) Brody Complex—Steam and Communications Master Plan—Phase III

It was recommended that the Board of Trustees authorize the Administration to award a contract in the amount of \$1,059,000 to Granger Construction for the project entitled Brody Complex—Steam and Communications Master Plan—Phase III.

It was recommended that the Board of Trustees authorize the Administration to amend the project scope to include installation of a water main and communication duct under the Harrison Road Bridge across the Red Cedar River.

Trustee Breslin **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

8. Policy Committee

Trustee Byrum presented the Trustee Policy Committee Report and recommendations.

A. Merger of the Department of French, Classics, and Italian with the Department of Spanish and Portuguese

It was recommended to the Board of Trustees that the Department of French, Classics and Italian and the Department of Spanish and Portuguese be merged to form a combined department, to be named the Department of Romance and Classical Studies, effective July 1, 2011.

Trustee Byrum **moved to approve** the recommendation, with support from Trustee Lyons.

THE BOARD VOTED to approve the recommendation.

B. Approval of Contract Terms: *Technova Corporation*

It was recommended that the Board of Trustees approve the execution of a research contract with Technova Corporation, consistent with earlier public notice given at a Board meeting and with the "Research Contract Term Sheet" presented to the Board for inclusion in its minutes. (Appendix C)

Trustee Byrum **moved to approve** the recommendation, with support from Trustee Owen.

THE BOARD VOTED to approve the recommendation.

9. Audit Committee

Trustee Owen presented the Trustee Audit Committee Report.

The Audit Committee reviewed the Board's previous action taken at the February 2010 meeting, which postponed the next formal request for external auditor bids, originally scheduled for Fall 2011 under the University's policy on rotation of auditors, until Fall 2013 (for the 2013-14 audit). This action was deemed to be in the best interest of the University to allow for stabilization and continuity with the current audit team throughout the new business systems implementation process.

In addition, at the February 2010 meeting the Board approved a recommendation appointing Plante & Moran as MSU's external auditors for fiscal years 2010-11, 2011-12 and 2012-13 at locked-in fees, providing that service and terms and conditions continue to be satisfactory.

The planning, coordination, and execution of the audit work have gone smoothly since the inception of Plante & Moran's appointment as external auditors. Accordingly, no action is required at this time regarding the external auditors.

The Audit Committee also received the annual litigation report. In addition, Director of Internal Audit Tom Luccock reviewed Internal Audit functions and organization. He also went over the 2010-2011 audit plan and results of recent audits.

10. Shaping the Future Report

Provost Wilcox said that Shaping the Future is MSU's effort to reposition itself in the context of challenging economic times to take advantage of opportunities facing the University. A host of initiatives are taking place across campus. The College of Communication Arts & Sciences has developed an integrated arts and media curriculum that integrates media production across the entire College, rather than by department. This eliminates redundancy and has led to the elimination of 23 undergraduate courses and three graduate courses, and provides space for a new way of engaging with students.

The College of Social Science is replacing what is described as "old style" college requirements with a new specialization that is theme-based across the College. This involves looking at requirements not just in the context of specific courses, but through the broader integration of content.

The College of Natural Science has revised the entire Introductory Biological Sciences Program. Because of the complexity and breadth of biology, this is a major accomplishment. The revision is currently being reviewed by academic governance.

In the context of undergraduate learning, there is also much happening. The Hatch, a place for student entrepreneurs to begin their corporations, was created. The College of Arts and Letters has developed a new center for language teaching advancement. Consistent with the merger approved today, the College is looking at language teaching in a broader sense and creating a center to foster those skills among faculty and staff. Lyman Briggs College has secured external funding to help first year students with low math preparation. The College of Engineering is moving forward with its Residential Scholars program. Consumers Energy has

signed on as a corporate sponsor for the new program and is not only providing financial support, but intellectual connections between students and leaders in the business world.

The Graduate School has begun an effort to coordinate between East Lansing and Grand Rapids the recruitment of doctoral students in the biomedical sciences area in a way that will benefit not only the students, but foster relationships and connections.

11. Facilities and Infrastructure Report

Vice President Poston presented the Facility and Infrastructure Report.

The infrastructure report is prepared annually. The intent of the report is to highlight and inform the Trustees of the challenges and successes that have occurred throughout the year. The report also contains annual construction statistics, as well as the annual MSU property report. This year's report also includes a section on the University's cyber infrastructure.

The full report can be viewed at:

<http://vpfo.msu.edu/Reports%20and%20Resolutions.htm>

12. Trustees Comments

Trustee Ferguson welcomed Trustees Breslin and Lyons to the Board. He thanked President Simon for her leadership.

Trustee Owen asked Dr. John Powell, faculty liaison to the Board, to comment on the health care discussion that occurred at the Faculty Liaison meeting earlier in the morning.

Dr. Powell said that the University Committee on Faculty Affairs has been working with MSU administration to help facilitate a long-term plan for health care. The main objectives include quality care and services and cost containment. Meetings will continue to take place on this important subject.

Trustee Lyons thanked the student liaisons for their informative meeting. He noted that a uniform attendance policy, freshman transitioning assistance, and family and childcare support for graduate students were among the topics discussed.

Trustee Breslin said that he was enjoying getting to know the students and faculty members. He thanked staff and administrators for their help in his orientation.

Trustee Byrum said she appreciated the Shaping the Future Report. MSU will continue to face budget challenges, but is stronger due to the hard work and planning.

Trustee Foster recognized Mr. David Gift and his team for their work on the EBS project. The new finance and human resources systems have been functioning rather seamlessly since January 1, 2011. Trustee Foster recognized the women's basketball team for its outstanding season.

13. Public Participation on Issues Not Germane to the Agenda.

A. Postdoctoral Salary Freeze

Dr. Sean Weise, postdoctoral researcher in the Department of Biochemistry, said that postdoctoral researchers are essential to the research enterprise at MSU. Dr. Weise said the decision to include postdoctoral researchers in the June 2010 salary freeze was not necessary. He indicated that most postdoctoral researchers are paid from federal grants. As a result, freezing salaries did not result in any cost savings for MSU. Dr. Weise asked the Board to reconsider the salary freeze and return to the previous arrangement of merit-based raises for grant funded postdoctoral researchers.

B. Music Therapy Programs

Dr. Roger Smeltekop, Associate Professor of Music Therapy, said that two years ago a moratorium was placed on admissions to the Music Therapy Program due to projected budget shortfalls. Offers by alumni and citizens to raise funds garnered no university support. Dr. Smeltekop said the program has an unparalleled record of excellence and has brought national and international prominence to MSU.

13. Request to Adjourn

On a motion by Trustee Ferguson, supported by Trustee Owen, **THE BOARD VOTED to adjourn** at 11:40 a.m.

Respectfully submitted,



William R. Beekman
Secretary of the Board of Trustees

RESOLUTION
HONORING STEVEN WEBSTER

Michigan State University Board of Trustees
February 11, 2011

The Board of Trustees of Michigan State University today extends its appreciation and best wishes to Vice President Steven Webster.

As MSU's vice president for governmental affairs, Mr. Webster has been a strong, enthusiastic advocate for his university in the state Capitol and the halls of Congress.

In particular, Mr. Webster has worked tirelessly to forge strategic partnerships that have encouraged the economic growth of Michigan and the Greater Lansing region. He was a driving force behind the formation of the University Research Corridor, the Lansing Economic Area Partnership, and the Prima Civitas Foundation, the organization he will now serve as chairman and CEO.

By bringing together a diverse group of local, state and national stakeholders, Mr. Webster was instrumental in securing the Facility for Rare Isotope Beams project for MSU, a project that could bring more than \$1 billion in economic activity to our state.

Mr. Webster's knowledge of the complexities of the state budget is unrivaled. Before coming to MSU in 1987, he served as a fiscal analyst in the Michigan House of Representatives' House Fiscal Agency, where he helped guide the appropriations of many state agencies and programs.

Mr. Webster has had a long involvement in many organizations that fostered community relationships and forged future opportunities for MSU, including the Prima Civitas Foundation's Board of Directors, the URC Steering Group, and the Capital Region Community Foundation's Board of Directors.

A long-time Spartan, Mr. Webster holds a Bachelor of Arts degree from MSU's James Madison College, as well as an MBA in finance from MSU.

As Mr. Webster now moves into a new phase of an already distinguished career, the MSU Board of Trustees offers him its heart-felt thanks and best wishes for the future.


Joel L. Ferguson, Chairman

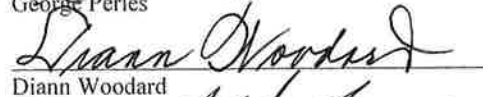

Faylene Owen


Dianne Byrum


Brian Breslin


Melanie Foster, Vice Chairperson


George Perles


Diann Woodard


Mitch Lyons

**RESEARCH
PRESENTATION
TO THE MSU BOARD OF TRUSTEES**

FEBRUARY 11, 2011

DR. TIMOTHY COLLIER

COLLEGE OF HUMAN MEDICINE

Facilitated by the Office of the Vice President for
Research and Graduate Studies

**Aging and Parkinson's Disease:
Models of Therapeutics and
Neurologic Comorbidity**

Timothy J. Collier, Ph.D.

Professor

Translational Science & Molecular Medicine

Edwin A. Brophy Endowed Chair

in Central Nervous System Disorders

Director, Udall Center of Excellence

**MSU/VAI Sponsored PD
Research in W. Michigan**

Van Andel Institute



Secchia Center

Udall Center Investigators

Timothy J. Collier, Ph.D.
 Caryl E. Sortwell, Ph.D.
 Jack W. Lipton, Ph.D.
 Kathy Steece-Collier, Ph.D.
 Frederic Manfredsson, Ph.D.
 Susan Wohlgenant
 Michelle Gartland
 Emeline Tolod
 Nate Levine
 Brian Daley
 Jennifer Stancati
 Chris Kemp
 Allyson Cole-Strauss
 Kellie Sisson

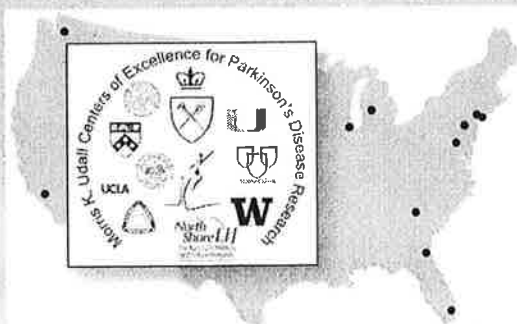


Special thanks to:

The Michael J. Fox Foundation for Parkinson's Research
 The Davis Phinney Foundation
 NINDS

University of Cincinnati:
 Kim Seroogy, Ph.D.
 Jim Herman, Ph.D.
 Michael Behbehani, Ph.D.

Udall Centers

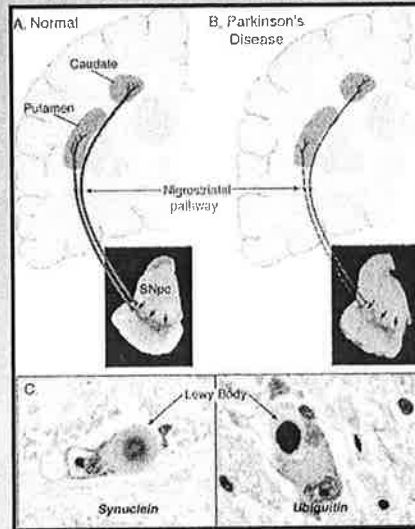


- Columbia University
- Emory University
- Feinstein Institute for Medical Research
- Johns Hopkins University School of Medicine
- Mayo Clinic, Jacksonville
- Michigan State University
- Northwestern University
- University of California, Los Angeles
- University of Miami
- University of Pennsylvania School of Medicine
- University of Washington

Parkinson's Disease (PD)



- Chronic neurodegenerative disease
 - Affects ~4-6 million worldwide
- Primarily affects motor function
- Symptoms caused by a relatively selective loss of dopamine (DA)



Dauer et al., 2003;
Neuron Sep 11;39(6):889-909

Caryl Sortwell, Ph.D.: Deep Brain Stimulation of the Subthalamic Nucleus (STN DBS)



Most often practiced neurosurgery for treatment of the cardinal motor features of PD

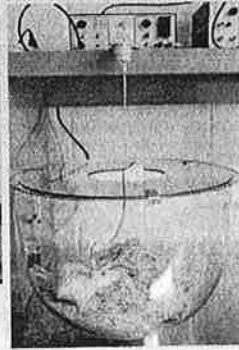
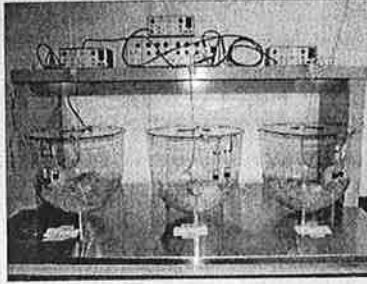
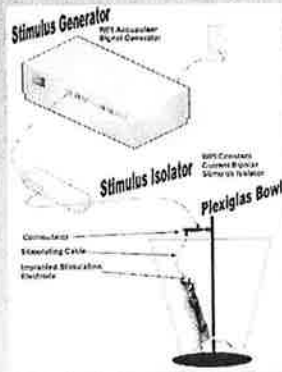
More than 40,000 patients have received this treatment as of 2007

Patients with STN DBS have significantly better motor function (18 months out) than those treated with best medical therapy (levodopa).

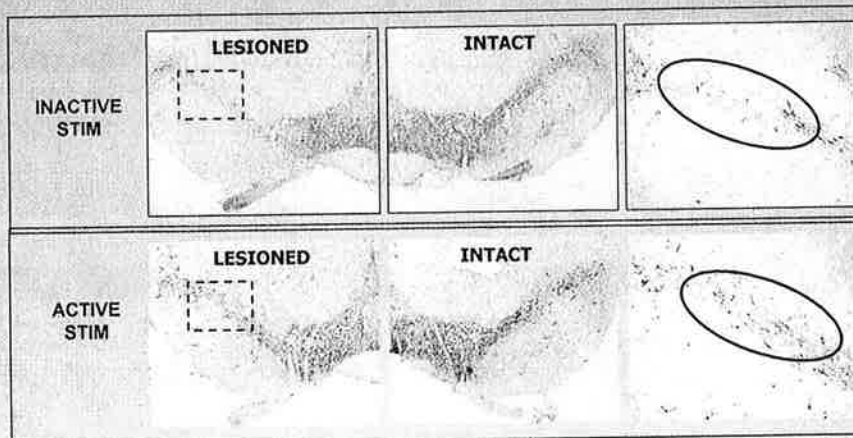
Numerous follow-up studies demonstrate improved motor symptoms from baseline at 4-5 years out.

Can STN DBS also slow the progression of PD?

Rat STN DBS Platform

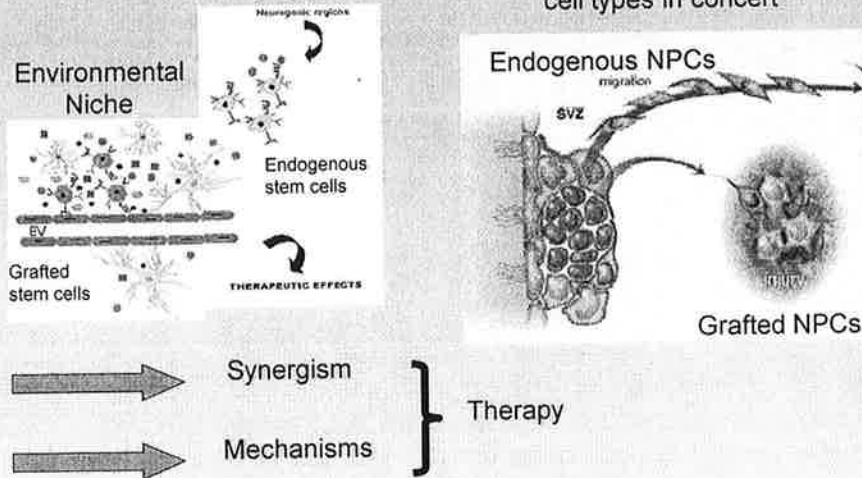


Deep Brain Stimulation Increases Dopamine Neuron Survival

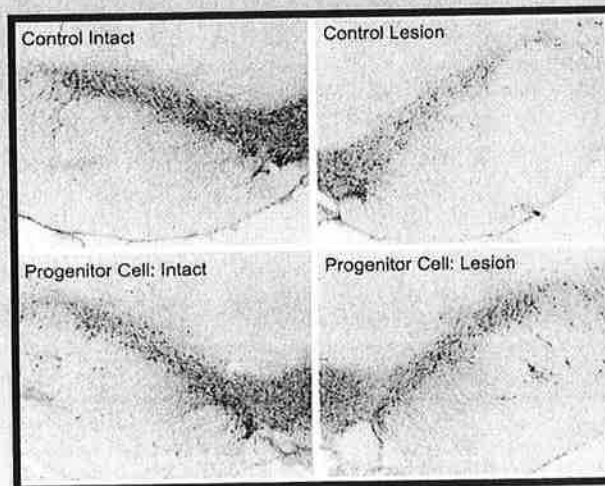


Tim Collier, Ph.D.: Adult Stem Cells for Neuroprotection

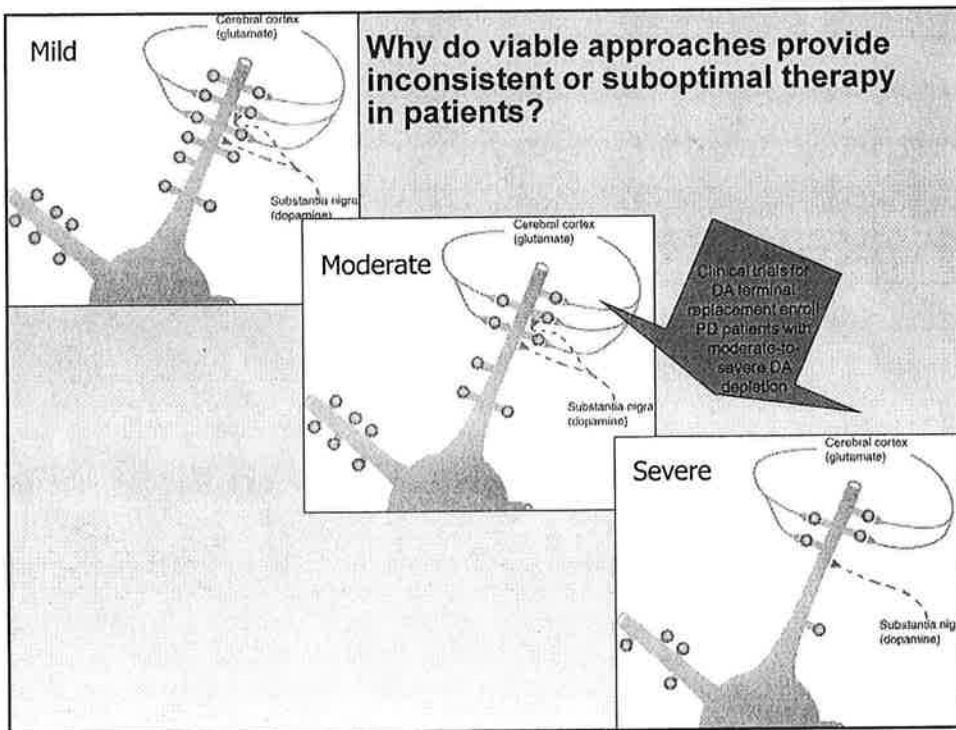
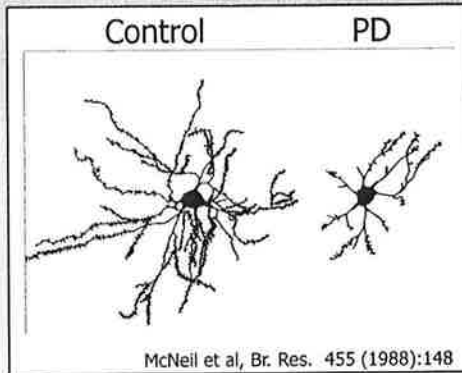
Study these two types of precursor cell types in concert

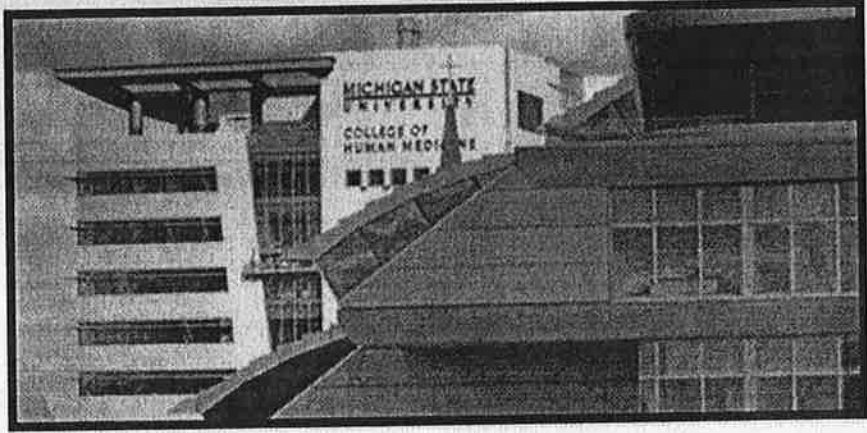


Adult Stem Cells Protect the Dopamine System



Kathy Steece-Collier, Ph.D.: Maladaptive Changes in the Target Striatum.





RESEARCH CONTRACT TERM SHEET

- Party:** Technova Corporation
- Contract:** Sponsored Research Agreement from Technova to MSU
“Evaluation of Materials for Alternative Energy Systems”
- Term:** March 15, 2011 to March 14, 2015
- Payment Terms:** MSU contract four year total: \$41,500
- Services Provided:** By MSU to Technova: testing and evaluation of
nanomaterials useful for alternative energy systems
- By Technova to MSU: none
- Use of University Facilities/Personnel:**
Use of MSU facilities/personnel by Technova provided at
prevailing rates for industrial research.
- Organization Type:** Incorporated Michigan-based small business.
- Personnel Interest:** Dr. Parviz Soroushian, a Professor in the Department of
Civil and Environmental Engineering, and his family own
or have options to buy an ownership interest of more than
1% of the company. Dr. Soroushian is also the president
of Technova Corporation.