

IHMC Board of Directors Meeting
Minutes
June 8, 2009
9:00 a.m. Central Time

Roll Call
Chair's Greetings

Chair Baker
Chair Baker

Action Items

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| 1. Approval of December 8, 2008 Minutes | Chair Baker |
| 2. Re-Appointment of Public Board Members | Chair Baker |
| 3. Nomination of Ron Ewers | Director Carlan |
| 4. Nomination of Gordon Sprague | Vice Chair Reeves |
| 5. Adopt Meeting Schedule for 2009-2010 | Chair Baker |

Discussion Items

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| 1. Fiscal Update | Dr. Ken Ford |
| 2. Fundraising Update | Dr. Ken Ford |

Other Items

Adjournment

IHMC Chair Dick Baker called the meeting to order at 9:00 a.m. central time. Directors in attendance included: Dick Baker, Carol Carlan, K.C. Clark, Eugene Franklin, Chris Hart, Hal Hudson, Eric Nickelsen, Tico Perez, Jim Reeves, and Hal White. Also in attendance were Ron Ewers, Gordon Sprague, Ken Ford, Sharon Heise, Tim Wright, Julie Sheppard, Pam Dana and Ronnie Armstrong.

After a brief welcome, Chair Baker informed the Board that we had a quorum present to conduct business. Chair Baker thanked Dr. and Mrs. Ford for the lovely reception hosted the prior evening at their home. Chair Baker also welcomed Tico Perez to his first IHMC Board meeting, thanking him for his willingness to serve on the IHMC Board.

Chair Baker asked for a motion to approve the December 8, 2008 Board minutes. Director Carlan so moved and Director Reeves seconded and after no discussion, the Motion to accept the December minutes passed unanimously.

Chair Baker then introduced Action Item 2 explaining that the public board members were up for renewal. Chair Baker read correspondence from Director Bev Seay requesting that the Board accept her resignation due to her extensive travel schedule. The board accepted her resignation unanimously and approved a Board resolution thanking Director Seay for the commitment that she has given to the board since IHMC's inaugural Board meeting. Chair Baker then announced that Action Item 2 would involve the

reappointment of Directors: Dick Baker, Carol Carlan, Eugene Franklin, Chris Hart, Hal Hudson, Eric Nickelsen, Jim Reeves, and Ray Russenberger. Director Clark made a motion to approve the two-year re-appointment of the public directors through June 2011 and his motion was seconded by Director White. With no discussion or opposition, the motion carried unanimously.

Chair Baker then turned to Director Carlan to introduce Action Item 3, the nomination of Ron Ewers to the IHMC Board of Directors. Director Carlan detailed for the Board Ron Ewers' background, explaining that he is the President of Ewers Consulting and a part owner of Encore - Classic Fire, building fire apparatus; Oxy Life, an Ocala oxygen supply company; and Fire Programs, a fire reporting software company. She explained that Ron is a long time resident of Ocala, and that he began as a Jet Engine Mechanic in the US Air Force and that his professional civilian career began with Game Time, a company manufacturing commercial playground equipment. Director Carlan continued by informing the Board that Ron then moved into emergency rescue vehicles and has served as President of Emergency One, a national company headquartered in Ocala which designs, manufactures and markets rescue vehicles. She commented that he founded and served as President of Class 1, a company developing innovative technology applications for emergency vehicles with production facilities in Ocala Florida. Director Carlan then explained that in 2001, Hale Products Inc., as a division of IDEX Corporation, acquired Class 1 and that Ron recently retired in 2007. Director Carlan concluded her remarks by explaining that Ron continues to be very active in community endeavors. She observed, that he has been instrumental in his assistance to IHMC with their start up of a second location in Ocala and that she would like to nominate Ron Ewers to serve on the IHMC Board for a 3 year term to end in June 2012. Director Nickelsen seconded the motion to appoint Ron Ewers to the IHMC Board. With no discussion or opposition, the motion carried unanimously.

Chair Baker thanked Director Carlan for her presentation, welcomed Ron Ewers to the Board and asked him if he cared to make any remarks. Director Ewers thanked the Board and expressed his pleasure to be part of the IHMC Board and work on the new expansion into Ocala.

Chair Baker then turned to Director Reeves to introduce Action Item 4, the nomination of Gordon Sprague to the IHMC Board of Directors. Vice Chair Reeves began his comments by explaining that Gordon J. Sprague, also known as Flash Gordon, is both a Gulf Breeze and Vermont resident and a big FSU alumni. Vice Chair Reeves explained that Gordon currently owns and operates a working Vermont dairy farm and an Antique Auto Private Collection Museum in Gulf Breeze, Florida. Vice Chair Reeves commented that Gordon, a US Air Force veteran, had worked for 20 years in Parks and Recreation and then transitioned to a career in property management and financial investments, mentioning that his last position was as Mutual Fund Money Manager for AIM in Houston where he marketed investment products to financial advisors, served as National

Sales Manager of a new division of AIM, and was Advisor to Global companies in Canada, Australia, Japan, Hong Kong, Singapore, Taiwan and New Zealand. Vice Chair Reeves commented that while Gordon's full biography was in the attachments, he would call Gordon a friend, a hard worker and a great fundraiser adding that Gordon and his wife Bette are regulars at the IHMC public lecture series. Vice Chair Reeves ended by motioning for the nomination of Flash Gordon to the IHMC Board of Directors for a term to end in June of 2012. Director Franklin seconded the nomination and the motion carried unanimously.

Chair Baker thanked Vice Chair Reeves and welcomed Director Sprague asking him for any comments. Director Sprague thanked the Board for their confidence in him, remarking that he was honored to serve on the Board of IHMC, in his opinion the best kept secret in the area.

Chair Baker then introduced Action Item 5 discussing the approval of the proposed 2009-2010 Schedule for meetings set forth in Attachment 5. Director Nickelsen recommended approval and Director Reeves seconded. With no discussion and no recommended changes to the proposed schedule, the motion passed unanimously.

Chair Baker then began a discussion of the financial issues affecting the State of Florida and their potential impact on IHMC, specifically with regard to reductions in state appropriations. Chair Baker also reviewed the latest financial statements, concluding his remarks by stating that he was optimistic about future grant activity.

Chair Baker also updated the Board on fundraising, discussing the need to secure consistent funding for Science Saturdays, I LOVE Science and the Evening Lecture Series. He discussed ideas for the expansion project including a possible partnership with the city for a meeting hall facility. Director Nickelsen suggested that concept maps continued to be an ideal way to gather support for the lecture series. Director Carlan suggested thinking about a charge for the lecture series and a discussion ensued about forming a paid membership society for the lectures that included certain privileges such as receptions and other special events. Dr. Ford informed the Board that we were currently using an Amazon link on the IHMC site approved for not-for-profits, where a portion of the purchase (4-5%) was returned to the organization. Dr. Ford also talked about the Microsoft project and his hope that this project would help IHMC find some financial gain with the concept maps success. Chair Baker concluded his remarks and asked Dr. Ford to provide his report.

Dr. Ford began by thanking the Directors for participating in this meeting and that he appreciated the opportunity to report on our continuing progress. He acknowledged that similar to other organizations, this past 6-8 months has been a very challenging time.

However, he remarked that he was proud of the way the IHMC team has pulled together to accomplish our goals and sustain our momentum.

Dr. Ford offered his personal welcome to Director Perez, explaining that Tico was a recent appointment to the IHMC Board and a member of the Board of Governors of the State University System of Florida, where he serves as the chairman of the Budget Committee and Vice Chairman of the Facilities Committee. He identified Tico as the founder of Edge Public Affairs, LLC, a government relations consulting firm, Mas Communications, LLC - a Hispanic media relations firm, and Tico Perez Solutions, LLC, a business development consulting firm. Dr. Ford informed the Board that Tico is a member of the National Executive Board of the Boy Scouts of America and was recently selected to serve as the National Commissioner of the Boy Scouts of America, adding that Tico received his BA in political science from the University of Central Florida in 1983 and his JD from the Georgetown University Law Center in 1986. Dr. Ford added that before forming Edge Consulting and Tico Perez Solutions in 2008, Tico was a partner of the National law firm Baker and Hostetler, where he practiced Business law with a specialization in mergers and acquisitions. Dr. Ford concluded his welcome by stating that Director Perez has a regular weekly television program in Spanish on the local Telemundo affiliate in Central Florida, and that he is married to Donna Perez and they live in downtown Orlando.

Dr. Ford also commented that he was very appreciative of the willingness of Ron Ewers and Gordon Sprague to serve on our Board, adding that both men are great additions and that he looks forward to their input.

Dr. Ford also informed the Board that General Lester Lyles, the former Commander of the Air Force Material Command, had recently accepted an appointment to the IHMC Science Advisory Council.

Dr. Ford then began discussing funding, stating that the IHMC State funding, including both recurring and non-recurring funding, was approximately \$2.6M in 2007 and \$2.8M in 2008. In 2009, however, we anticipate our State funding to be about \$1.5M, including only \$1M recurring and \$500K in one-time stimulus monies. He added that this makes it clear that we need to continue to work harder in Tallahassee.

Dr. Ford continued the financial discussion, adding that with respect to external (non-State research funding), IHMC had two unsuccessful large multi-university proposals, the preparation of which devoured tremendous staff time and energy. He added that the teams were strong and the proposals good, that we had expected to land at least one of them and that not being successful was very disappointing. Dr. Ford also commented that since the last Board meeting it has become clear that the NSA has reversed commitment on a large \$16M (\$4M per year for 4 years) grant involving CmapTools, even with signed a contract and strong assurances from NSA staff that we could move forward staffing the

team ... only to learn that the program is cancelled. He concluded these remarks by stating that this had nothing to do with the Cmap team, but was part of a larger reorganization at NSA.

Dr. Ford then went on to add that on the positive side, since our last Board meeting, IHMC has been awarded nearly \$3.6M in funding for 13 new Sponsored Research projects, commenting that, in particular, Dr. Raj's research having to do with developing technologies to assist wounded service members has had a very productive year.

Dr. Ford then introduced Matt Doster to report to the Board on state legislative initiatives. Matt thanked Dr. Ford and began his comments by discussing the two major issues IHMC had before the Florida Legislative during this Session, which ended on May 8, being: annual state funding, which provides the basis for operations and any expenses that cannot be paid with federal grant money; and preserving IHMC's statutory exemption from certain state public records requirements, commonly referred to as Sunshine Laws. Matt explained that for state funding, the IHMC annual budget was maintained at the previous year's level of \$1.5 million [exact figure is \$1,502,953] and that this number reflects the previous year's budget number for IHMC, after several across-the-board reductions imposed to the State University System because of declining state revenues. Matt stated that in a budget year in which many programs were being slashed or eliminated, IHMC counts it a significant victory to be kept whole. However, he added that an important detail is the source of the funding: that approximately one third of the IHMC line item will come from federal stimulus funds and that we were most concerned that the total line item remained as close to \$1.5 million as possible, but that it was also important to ensure as much of that line item would come from general revenue (as opposed to stimulus money). He explained that while the House had initially proposed a 50-50 split between general revenue and stimulus money, IHMC was successful in getting the House to come up to \$1.1 million from general revenue. Matt added that the balance is stimulus money, at least for this year, and that a high priority in the next session will be restoring the full amount as general revenue funding, which will be important for 2011 when the stimulus has been exhausted.

Matt continued his comments by explaining that the second issue was preserving IHMC's statutory exemption from certain public records requirements, commonly referred to as Sunshine Laws, and that the exemption currently covering IHMC may be invoked when the Institute enters into negotiations with government entities, corporations, or other organizations which require secrecy for purposes of national security or for protecting trade secrets and patentable materials. He concluded by stating that this critical exemption was passed unanimously in the Senate, that it passed along party lines in the House (all Republicans and five Democrats voting in favor), that the legislation will likely go to the Governor's desk this week, and that he is expected to sign it. However, we will continue to make this issue a priority for educating Legislators as we go forward.

Dr. Ford thanked Matt for his comments and turned to IHMC Associate Director Sharon Heise to talk with the Board about Federal Legislative issues. Dr. Heise thanked Dr. Ford and began her comments by remarking that fiscal year 2010 holds a number of possible and promising opportunities to perform legislatively sponsored research with IHMC being involved in 10 project proposals that have been submitted by lawmakers as 16 FY 2010 district funding requests. She briefly explained that IHMC hopes to continue its work on cognitive, sensory and mobility Assistive Technologies for Injured Service Members, and that both Senators Martinez and Nelson have shown their support for this important continuing effort by each submitting requests for \$4.8M in research funding, adding that this work would once again be under the auspices of the Office of Naval Research Combat Casualty Care program. Dr. Heise also reported that Representatives Miller and Boyd requested support for Coordinated Operation of Unmanned Vehicles research, for \$2M and \$3M respectively, adding that in this project, IHMC hopes to work with the Naval Surface Warfare Center in Panama City to pursue applications of human-robot teamwork to littoral defense, and that the Office of Naval Research Intelligent Autonomy program would sponsor this effort.

Dr. Heise explained that Congressman Stearns of Ocala has joined Congressman Miller in requesting \$750K and \$2M, respectively, for work on biologically-inspired infrastructure protection technology for Department of Energy control systems and that this work would continue our successful partnership with FIT. She stated that Congressman Stearns has also requested \$1M in research funding for our Process Integrated Mechanism work, which will provide an innovative solution to collaboration and coordination by tying humans and machines into a single, collaborating system by virtue of a single program that rapidly moves between computers in the system, adding that this work would be funded through the Air Force Office of Scientific Research, and that these funds would support our growing collaboration with UF and would help establish collaboration with Central Florida Community College in Ocala. Dr. Heise commented on a new proposal with the University of North Florida on an Intelligent Traffic Control System for Accident Prevention, stating that Representative Corrine Brown has requested \$3M in support for this effort through the Department of Transportation.

Dr. Heise mentioned that we are hoping to have the opportunity to further increase awareness of IHMC's work through partnerships with a number of research organizations outside of the state of Florida, including the very successful partnership in recent years with Bucknell University in Pennsylvania, working together on robotics for Unmanned Ground Vehicle Mobility and Coordination in Urban and Littoral Environments. She reported that Representative Chris Carney of Pennsylvania has asked for \$4M to continue this joint effort through the Office of Naval Research. She commented on several new partnerships in development, including discussions with Central Connecticut State University regarding joint work to establish a Robotics Innovation and Education Center at CCSU, which has been broadly supported by Senators Liebermann and Dodd, as well

as Representative Chris Murphy, who have each asked for \$2.6M in funding for the project. She explained that IHMC's role would be to provide ground robotics expertise and develop a parallel Robotics Innovation Lab in Ocala, and that the Army Research Office would be the host research organization. She also mentioned that we have a great opportunity to work with Columbus State University in Georgia for the first time to develop Cognitive Map-Based Modeling and Simulation Tools for Tactical Decision Support in support of the Infantry School at Ft. Benning, Georgia, adjacent to the Columbus State Campus. Both Representative Sanford Bishop and Senator Saxby Chambliss endorsed this effort with requests of \$1M and \$2M in funding, respectively, through the Army Simulation and Training Technology Center in Orlando. Dr. Heise mentioned a proposal with Baylor College of Medicine to pursue Technologies for Management of Trauma-Induced Cognitive Impairment in Military Personnel, adding that Representative John Culberson of Texas has asked for \$2M to fund this project via the Army's Telemedicine and Advanced Technology Research Center.

Dr. Heise concluded her remarks by mentioning an initiative with Space Florida, the University of Florida, and North Carolina's International Technology Center to pursue Space Capabilities for Blue Force Tracking, stating that Senator Bill Nelson has requested \$5M for this cooperative consortium, in which IHMC plans to work on coordination and data handling technologies for small satellite constellations, with Army Space and Missile Defense Command hosting that research effort.

Dr. Ford thanked Sharon and moved to his research report, commenting that this was his favorite part of his report. He began by talking about IHMC's robotics group, which continues to pursue multiple promising research directions, including The Learning Locomotion or "Little Dog" program that will reach the end of a successful three-phase effort this next week, when the final code for navigating a quadruped across a complex terrain board is due for final testing in Washington. He explained that the final test will consist of running software on DARPA's little dog robot over 10 different terrain boards and that based on recent tests, IHMC remains among the top three teams, and that participants include Stanford, CMU and MIT. He stated that at the conclusion of the Little Dog program, much of the robotics group's attention will be redirected to IHMC's bipedal humanoid robot, remarking that currently the robot can recover from pushes when standing still, and this summer's work will focus on enabling the robot to recover from a moderate push while walking.

Dr. Ford continued his discussion, adding that together with Bucknell University, the robotics team is also developing a head for the bipedal robot with a vision-enabling camera system. The next steps for the Humanoid robot will be planned during the summer and fall, and they will likely include walking over rough terrain and in cluttered 3D environments. He mentioned that the robotics team is also engaged with NASA Johnson Space Center to integrate NASA's work on robotic arms into a full humanoid RoboNaut.

Dr. Ford commented that work on active exoskeletons will be continuing for the next 9-12 months with the goal to enable a paralyzed individual to walk across the robotics lab without requiring upper body support or balance support from IHMC researchers. He mentioned that IHMC has submitted a proposal to the National Institute of Health for continued passive exoskeleton work for those with partial loss of lower limb capability.

With regard to Assistive Technologies for Injured Service Members project, Dr. Ford commented that IHMC has continued progress in sensory substitution and mobility assistance. He showed the board new video of blind service members and paralyzed service members at IHMC trying out some of the promising technologies.

Dr. Ford then showed the Board some video of IHMC researchers continuing to explore civil and military applications of the Oz human-centered flight display with the Northrop Grumman Corporation, adding that as the Board may recall, last fall Northrop Grumman hosted successful demonstrations showing the efficacy of Oz for flying fixed wing aircraft over that of traditional instrument displays. He added that in April, Northrop Grumman personnel visited IHMC in order to expand their consideration of Oz to rotary wing applications, and most notably to possible application on the Altair lunar Lander. Dr. Ford stated that IHMC and NGC are currently in the process of outlining some preliminary work for the descent phase of a lunar landing.

Dr. Ford then moved his discussions to Concept Map technology, showing the Board slides on world wide use and adding that the CmapTools software R&D effort is one of IHMC's longest standing projects. He mentioned that it is unusual technology to have migrated from pure research to a fielded system with a huge user community and that the program, CmapTools is mature and stable, with 4-5 million hits a month on its www site and 40,000 downloads per month. Dr. Ford informed the Board that we are exploring ways to monetize this popularity as the software continues to be offered for free adding that while there is substantial demand for a Web-based version of the software, it has been difficult to get funding to do a full development and that the cancelled NSA funding would have supported this development effort in addition to other refinements. He mentioned that as part of our collaboration with Microsoft, IHMC is jointly developing several www sites that should generate revenue via advertising but that said, given the unexpected non-availability of funds from NSA, the CmapTools project is at some degree of risk. However, Alberto Canas, leader of the CmapTools, team is particularly optimistic about the potential for a new project with the College Board organization focused on the Advanced Placement courses.

Dr. Ford then turned to the area of Agile Computing & Information Management, stating that IHMC is looking at opportunistic resource exploitation to improve information dissemination in tactical peer-to-peer environments. He mentioned that recently, IHMC has started to integrate learning into the dissemination system to be able to predict and pre-stage information, primarily working with AFRL's Joint Battlespace Infosphere system and enabling federation within that framework. He stated that future

opportunities include a major ARL Network Science solicitation, adding that we are part of several proposals that have passed the first cut and are now in the final round of review. He mentioned that on one proposal, we are partnered with Telcordia, IBM, CMU, Northeastern University, University of Delaware, and a few other partners on an Interdisciplinary Research Center for Network Science. On a second proposal we are partnered with Penn State University, SUNY Buffalo, Ohio State University, Northeastern University, and SA Technologies on an Information Networks Academic Research Center. He concluded by stating that IHMC had hopes for success on at least one of these.

Continuing the collaboration theme, Dr. Ford mentioned that IHMC recently submitted a proposal to the National Cancer Institute in partnership with the Moffitt Cancer Center, who will the lead effort if the proposal is selected for funding. The goal of this effort is to enhance the Moffitt Cancer Center's Total Cancer Care infrastructure to support Comparative Effectiveness Research (CER) by integrating IHMC's natural language processing and data analysis software into the Moffitt system.

Dr. Ford then showed the directors the latest videos on the Lunar rover, including the segment of the rover in the Presidential Inaugural Parade.

Dr. Ford concluded his research update by mentioning that IHMC recently enjoyed a site visit from Congressman Jeff Miller in April, where IHMC staff and researchers had the opportunity to discuss work in coordinated operations of unmanned systems and cyber security for networks and critical infrastructure, as well as showing off a flawlessly performing little dog.

Turning to community outreach, Dr. Ford mentioned that the Evening Public Lecture Series had just wrapped up for Spring 2009 with a recent evening lecture by Alan Leshner discussing the evolving societal context for science, adding that it was an excellent lecture and well attended, as have been all of the evening lectures for the past several years. Dr. Ford mentioned that IHMC unfortunately needs to turn away folks at many of the lectures due to a lack of space and that the success of the lecture series reiterates the need for IHMC to locate a donor to construct the Community Lecture Hall to accommodate approximately 250 attendees and the various other outreach events that we continue to offer free to the community. He added that budget realities have caused a slightly reduced lecture program for this Spring and next Fall, and without some significant corporate or community sponsors, this trend may continue.

Dr. Ford remarked that IHMC's outreach efforts continue to spread science and engineering education throughout the community and that our flagship program, Science Saturdays, again has high demand, even with extra sessions each month. He mentioned that IHMC had over 500 attendees during the school year, serving over 300 different

students with activities including bottle rockets, electricity, roller coasters, chemistry, bridges, pendulums, flight, and balloon cars.

He continued by mentioning that I LOVE Science also has had a successful year. Community volunteers partnered with most of the 5th grade teachers in Escambia and Santa Rosa counties. He added that many schools have included participation in I LOVE Science as part of their academic plan, acknowledging the importance of having volunteers encourage students' love of science through inquiry based activities and that volunteers, too, consistently give the program high marks for providing a great avenue for them to become involved in improving science education.

Dr. Ford commented that Voluntology, a new teen volunteer program begun last year, has also proven to be a success, with teen volunteers being trained at IHMC to lead activities like those in our Science Saturdays program. They then, in turn, lead hands on science activities at the Fricker Center, an inner city community center, on a monthly basis. Dr. Ford informed the board that another new effort is a partnership with the Okaloosa School District's high school engineering academy, and that this year approximately 50 students from Choctawhatchee High School came to IHMC for an overview of our research and a kick off of their engineering challenge. He stated that IHMC researchers went to the high school to help students brainstorm designs and again to judge the final projects, and that the teacher was very pleased with the project as well as the amount his students learned about all aspects of engineering.

Dr. Ford mentioned that IHMC once again was a sponsor of the UWF Best Robotics Program this year, and IHMC's Jerry Pratt gave the keynote speech to the students. He also commented that IHMC was partnering with PJC Warrington campus for a one-week Science Camp for middle school age children this summer. Dr. Ford stated that other IHMC researchers share their passion for science and engineering through many other venues, including this year's participation in career days at local schools, judging and presenting the keynote speech at the BEST robotics contest, hosting a Science of Music booth at the Pensacola Symphony's family program, and participating in many other formal and informal school programs.

Dr. Ford then asked Deputy Director Tim Wright to provide the Board an update on the Ocala expansion. Tim thanked Dr. Ford and began his comments by mentioning that as the Board may recall, IHMC purchased the former Central Florida Library building, located at 15 SE Osceola Avenue in downtown Ocala, in May of 2008 and that the architectural firm of Spencer Maxwell Bullock (SMB) was chosen to provide the engineering and architectural planning for the facility. Tim mentioned that SMB then contracted with the Ocala firm of Johnson & Peoples to collaborate in the design process, including the specification that the building would be renovated to meet LEED Gold (green building) certification. He mentioned that final construction documents were completed in early December of 2008 and the project RFP was advertised in December

and January, with a mandatory bidders' pre-bid conference held at the library building on January 16, 2009. He stated that over 100 attended the pre-bid conference, including General as well as Sub-Contractors and potential material and equipment providers, and that prospective bidders were provided inspection access to the library building on February 10th and February 17th. He stated that on February 20th, fourteen sealed bids were opened at the library building by Christopher Kariher of SMB and Tim Wright, the Deputy Director of IHMC, and that base bids ranged from the low bid of \$1,294,959 to the high bid of \$2,032,000. Tim informed the Board that the low bid firm of Boran Craig Barber Engel Construction Co. (BCBE) of Naples, Florida, met all due diligence background checks, met or exceeded all required financial and insurance requirements, and was selected as the Contractor at a price of \$1,294,959.

Tim informed the Board that approximately two-thirds of the costs for the building renovation will be paid from grant funding provided by the Economic Development Administration (EDA) of the U.S. Department of Commerce. In order to meet the requirements of the EDA, strict adherence to their contractor selection process was required. After the EDA signed off on the process, BCBE began construction renovations in March. Tim mentioned that BCBE intends to utilize local subcontractors in the project, as was encouraged in the request for bids, and that the mechanical, Village, and electrical, American Electric, subcontractors are from Marion County and the plumbing, George Roma Plumbing, subcontractor is from Orlando. Tim added that the asbestos testing survey and subsequent removal, including the air quality engineering and testing that followed the asbestos removal, were performed by local Marion County firms, Avanco Environmental Inc. and Simpson Environmental Services Inc. He mentioned that he anticipated BCBE would utilize local firms to accomplish the final stages of installing the furnishings and equipment, and that about 50% of the overall work to complete the renovation will be supplied by subcontractors within 100 miles of Ocala. Tim added that all furniture purchases for the building will be accomplished using Ocala vendors, coordinated through the Pensacola design firm Contract Resources.

Tim informed the board that current construction schedules indicate that the renovation process will be essentially complete by mid August this year, and that following equipment and furniture installation and final inspections, IHMC intends to be up and running in its newly renovated Ocala facility by mid to late August.

Dr. Ford thanked Tim and concluded his remarks by stating that we are optimistic for the future and excited about our expansion into Ocala. He forecasted that this will continue to be a tough period through at least the Spring of 2010 but that the long-range outlook for Federally funded R&D is quite positive, with the State economy continuing to be the wild-card. Dr. Ford thanked Chair Baker for the opportunity to provide his report. Chair Baker thanked Dr Ford and the IHMC team for their excellent reports and asked the Board for any additional comments or new business. Hearing no new business,

Chair Baker invited all the directors to tour the robotics lab and enjoy lunch at the Institute.

The Board meeting adjourned at 11:00 a.m.

Respectfully submitted,

Julie Sheppard
Corporate Secretary