

IHMC Board of Directors Meeting Minutes
Monday, June 11, 2018
8:30 a.m. CST/9:30 a.m. EST Meeting

Roll Call Chair Bill Dalton

Chair's Greetings Chair Bill Dalton

Action Items

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| 1. Approval of March 12, 2018 Minutes | Chair Bill Dalton |
| 2. Discussion on IHMC Financials | Chair Bill Dalton |
| 3. Discussion and Action on 2018-19 Meeting Dates | Chair Bill Dalton |

Chief Executive Officer's Report

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| 1. Research Update | Dr. Ken Ford |
| 2. State and Federal Legislative Update | Dr. Ken Ford |
| 3. Technology Transfer Update | Dr. Ken Ford |
| 4. Research Presentation | Dr. Ken Ford |

Adjournment

Lunch

IHMC Chair Bill Dalton called the meeting to order at 8:30 a.m. CST. Directors in attendance included: Dick Baker, Carol Carlan, Bill Dalton, Ron Ewers, Eugene Franklin, Hal Hudson, Jon Mills, Eric Nickelsen, Jay Patel, Alain Rappaport, Jim Reeves, Martha Saunders, Gordon Sprague and Glenn Sturm. Also in attendance were Ken Ford, Ronnie Armstrong, Alan Ordway, and Julie Sheppard.

Chair Dalton welcomed and thanked everyone who was there that morning both in person and to those who dialed in. He thanked Ken, Chef Blake and the IHMC staff for a wonderful dinner last evening and the Board members and spouses for being great company. Chair Dalton also thanked Glenn for providing such a delightful wine.

He then moved directly into the meeting explaining that there were 3 items to discuss this AM followed by Dr. Ford's report.

He introduced Action Item 1 being the approval of the March 12, 2018 Minutes and

asked for a motion to approve. Director Baker moved approval and Director Ewers seconded his motion. With no amendments or discussion, the motion passed unanimously.

Chair Dalton then introduced Discussion Item 2 concerning the IHMC Financials and he called on IHMC's Chair of Finance and Audit Dick Baker to share with the Board the most recent financials. Director Baker discussed the financials, assured the Board of the health of the organization and complemented Ken and the IHMC staff on the increase in net assets.

Chair Dalton thanked Director Baker and turned to the last item, Agenda Item 3, and asked all the Board members to review the upcoming Board meeting proposed dates for 2018 and 2019; explaining that these dates included a teleconference call meeting on Monday September 17, 2018, a teleconference meeting on Monday, December 3, 2018, a teleconference meeting on Monday, March 11, 2019 and an in person meeting on Sunday and Monday June 9 and 10, 2019 in Pensacola Florida. He reminded the Board that all of these meetings are scheduled for an 8:30 AM central time zone start time. Director Carlan moved approval and this was seconded by Director Reeves and the schedule for board meetings for 2018-19 was unanimously approved.

Chair Dalton then asked Board members for their indulgence as he invoked the Chair's prerogative to introduce an item explaining that he had asked Julie to do a quick review of Dr. Ford's compensation package adding that she had completed that for him. Chair Dalton explained that Dr. Ford's last salary action was in 2013 when this Board approved a 5 year annuity for \$50k that was paid in increments of \$10k from 2013 through 2017. He asked that as this annuity had concluded, He wished to reconvene the Executive Committee that currently consists of Dick Baker, Ron Ewers, Alain Rappaport, Glenn Sturm and himself and report back to the full Board with some recommendations at the September meeting. Chair Dalton's request was turned into a motion by Director Nickelsen, seconded by Director Mills, and passed unanimously.

Chair Dalton thanked the Board and asked Dr. Ford to provide his report.

Dr. Ford thanked Chair Dalton for the opportunity to provide his report and began by discussing new members of the IHMC team. He stated that he was very pleased to announce that he and Martha Saunders had recently made their first, in what he hopes is a long list, of joint hires. He explained that Dr. Gregory Hall comes to Pensacola from

Austin Texas area to work .75% FTE at UWF in the UWF Center for Cybersecurity effective August 8, 2018 explaining that Dr. Hall will also have a .25 FTE Research Scientist position with IHMC. He stated that at UWF his primary responsibilities will be enhancing partnerships and training in support of the Center for Cybersecurity and developing research outcomes and collaboration. At IHMC he will work with researchers involved in the cyber security space and hopefully establish research grants of his own. He stated that Dr. Hall previously worked as an Assistant professor at Texas State University, and has led large government programs in cyber security, digital forensics and intrusion operations. He remarked that Dr. Hall holds a PhD in Computer Science from the University of Idaho and his Masters and BS is in Software Engineering and Computer Information Systems from UWF, explaining that we were delighted to welcome a local boy coming home. He stated that he was unique in that he has worked from the inside as program manager and on the outside as researcher adding that we liked his background as he does cyber work that is current and crucial including actual cyber defense and offense, at the high end. Dr. Ford mentioned that while we were excited that Dr. Hall had Pensacola roots and a solid and diverse track record, the most important thing was that when he interviewed at IHMC, everyone that met him thought he was a high quality person with whom they could gainfully collaborate.

Dr. Ford then informed the Board that Dr. Michelle Harper-Sciarini began this past week as a Research Associate working with Dawn Kernagis and Jeff Phillips explaining that she is a cognitive psychologist, adding that her husband Dr. Lee Sciarini works at NAS Pensacola. He informed the Board that Michelle has a PhD in Applied Experimental Human Factors from UCF and has taught at Embry Riddle University and also at Monterey Peninsula College in California. He added that her previous experience included working as a Scientist with Aptima in Orlando on Army self-assessment and best practices and working with Navy P-8 trainers to develop a training aid tool that assisted with determining the fidelity requirements for semi-automated forces within simulation-based training. He continued by stating that Michelle did her PhD dissertation work at UCF's Institute for Simulation and Training and did her graduate research work at the Army Research Lab. He concluded by stating how delighted IHMC is to have Michelle join the human performance team.

He commented on another new hire, Michael McCullough, explaining that Mike is a research associate working with Joe Gomes in the area of human performance. Dr. Ford explained that applying advanced and novel methods to improve human performance in a broad sense is one of the many reasons Matt is excited about his work here and that prior

to joining IHMC, Mike worked with Joe Gomes at the Oakland Raiders in strength and conditioning and sport science areas. Dr. Ford explained that Matt's work at the Raiders was varied, from coaching strength, movement, and recovery sessions, to analyzing training and practice, with the goal of improving effectiveness and efficiency through the education of coaches and athletes. He continued by informing the Board that Mike received his Master's degree from East Tennessee State University, where the program was focused on sport science and coach education and that as part of the program, he served as the head strength and conditioning coach and sport scientist for the Men's and Women's Track and Field Throwers, as well as Women's Basketball. Dr. Ford commented that it was through this program at East Tennessee that Mike originally interned with the Oakland Raiders and that before graduate school, Mike earned a B.S. from Baylor University in exercise physiology, with a minor in business administration.

Dr. Ford then mentioned another new hire, Olivia Jackson, who joined IHMC as a Research Associate working with Dawn Kernagis focusing on human health, performance, and resilience. He stated that Olivia will be working on a number of projects with the goal of promoting the optimization of human performance and risk mitigation for individuals working in extreme environments. He continued by adding that Olivia is a Pensacola native who completed the IB program at Pensacola High School before attending Florida State University in 2013 adding that she has been conducting research in neuropharmacology, biomedical, and neuroscience research since 2015. At FSU, Dr. Ford stated that Olivia participated in research on the GLP-1 receptor, specifically looking at potential therapies involving GLP-1 receptor antagonist, under Dr. Gregg Stanwood and Dr. Devon Graham. He added that Olivia was also the president of a very successful student organization (C.E.L.L.S. – Connecting Experimental Lab & Life Sciences) that encouraged undergraduates to pursue research. He added that, with an eye toward neuroscience research, Olivia studied Psychology, Biology and Chemistry extensively as an undergraduate at FSU, but found the practical application of her studies in her lab work to be the most rewarding.

Continuing on, Dr. Ford added that Stephanie Tillery, a Pensacola attorney, who has spent most of her legal career practicing in the areas of contract law and municipal law, will be working with Julie Sheppard on IHMC legal issues. He mentioned that for the past seven years, Stephanie has been an attorney for the City of Pensacola where she managed the city's contracts and leases and handled issues that ranged from risk assessment to purchasing to public finance and grants. Dr. Ford added that prior to

joining the city's legal department, she worked for Florida Legal Transactions and that Stephanie also has worked for a number of local law firms since earning her law degree at the University of Florida in 2003. He added that Stephanie spent her undergraduate years at Florida State University where she received a bachelor's degree in international affairs and specialized in Chinese language and Asian studies and that she spent two years as a language instructor at the Tonj Ji Medical University in the People's Republic of China. He also mentioned that Stephanie also earned a master's degree in public administration from the University of West Florida in 1996, she then traveled back to China for the Chinese language program at the Beijing Language and Cultural University.

Continuing on, Dr. Ford informed the Board that Christon Dunahoo joins IHMC as building services coordinator adding that he will work on a variety of internal and external facilities projects, and also will be responsible for maintaining all IHMC buildings and grounds. Dr. Ford stated that Christon's work will help ensure that IHMC operations and external activities run smoothly adding that he started out with a good test securing both facilities for the fortunately uneventful tropical storm Alberto.

Commenting further, Dr. Ford added that in the 1990's, Christon founded Lost Key Communications, a telecommunications company based in Pensacola that installed and maintained fiber optic infrastructure across the Southeast and Midwest and that in 2004, Christon became the ranch manager at the Clough Sheep Company in Colorado and oversaw day-to-day operations and also managed the personal property of the company's owners. He mentioned that Christon also has a commercial pilot's license and over the years, he has been a commercial pilot, bush pilot and even done some crop dusting adding that Christon's background sounds just perfect for his new job!

Ending his discussion of new employees, Dr. Ford mentioned that in the previous meeting he had mentioned Joe Gomes had joined IHMC as Director of High Performance adding that at the end of my presentation today, the Board would have the opportunity to hear from Joe.

Dr. Ford also commented on summer interns mentioning that IHMC was welcoming about 35-40 summer interns from all around the US and other international locations to IHMC this summer in Ocala and Pensacola. He added that these interns range from young people to PhD students.

Dr. Ford then turned the conversation to the research report adding that, as we head towards the season of summer, conferences and vacations, and as we approach the start of the fourth federal fiscal quarter: research awards traditionally decrease in frequency. Yet in spite of this, IHMC researchers have maintained a robust proposal submission rate, and since we last met they have brought in over \$2.8 million in new awards, with another \$2.2 million in funding pending. He stated that as he has often noted over the past several years, IHMC has been increasingly diversifying into private sector funding opportunities to improve robustness of its overall research portfolio noting that this is certainly the case with Dr. Peter Neuhaus and his mobility assistance team, who seek to develop powered lower limb exoskeletons, primarily to assist with walking for paralyzed individuals. He informed the Board that Peter's robotics research team was recently selected as one of 10 groups to receive \$50,000 in seed funding from the Toyota Mobility Foundation under their prestigious Mobility Unlimited Challenge program. He stated that this initial phase of the program (Discovery Awards) seeks to attract and support smaller and more aggressive innovators who might otherwise face extra difficulty breaking into the assistive technology market, so Peter's fellow competitors are the likes of small business startups, university laboratory teams, and even ambitious individuals. He commented that in the larger \$4 million Mobility Unlimited Challenge to follow on to the Discovery Awards, Toyota's goal is to support radical improvements in the mobility and independence of people with lower-limb paralysis through smarter assistive technology and that while this larger-scale challenge is still open for submissions, we think IHMC's work in the seed challenge and in particular our silver medal finish in the 2016 Cybathlon powered exoskeleton race show great promise for future industry funding.

He continued on by mentioning that in another mobility-related success and private sector venture, IHMC received a significant award from neighboring small business Cobalt Intelligence for Programmable Exercise Device Development, where Dr. Peter Neuhaus and his team will advance the exercise device with an eye toward terrestrial applications. He stated that the goal of this effort is to provide Cobalt with a functioning prototype that can be used for testing and demonstrations that meets a significant portion of the needs for a commercial device. He mentioned that the design for this unit leverages ongoing IHMC space-based exercise research with NASA noting that the strength training exercise device will be capable of applying loads up to 400 pounds, accommodate a large range of user heights, and enable many exercises. He commented that at the end of this effort, IHMC plans to deliver two prototype units to Cobalt, with the hope that the IHMC-Cobalt partnership will lead to commercialization of this IHMC technology. Dr.

Ford added that Cobalt has also been a great community partner with IHMC, sponsoring organizational events and even a joint Cobalt-IHMC night out with the Blue Wahoos.

Dr. Ford then informed the Board that Dr. Robert Hoffman has recently been funded by the Army Research Laboratory to join their ARL Consortium team that includes the US Military Academy, US Cyber Command, Naval Surface Warfare Center, Air Force Research Laboratory, and the University of Southern California, to develop a Performance Assessment Suite for the Cyber Mission Work Force. He stated that this team will inform training assessments, technology evaluations, and operational planning by illustrating the cognition and behaviors of friendly and adversarial actors. As an internationally known expert in analyzing work and task performance, Dr. Ford stated that Robert will be responsible for providing experience and expertise in conducting observational assessments, applying knowledge elicitation techniques, and modeling human performance in operational contexts, including extensive modeling of Cyber Protection Team workflows.

Lastly in terms of new awards, Dr. Ford mentioned that Dr. Dawn Kernagis has teamed-up once again with Wright State Research Institute to perform an 18-month needs assessment, task analysis, and technology assessment to improve individual and team performance of Naval Special Warfare Command operators in cold water. He explained that this effort follows directly up on recommendations of a Department of Defense working group that proposed focused research to develop biotechnologies addressing unmet needs such as enhanced operator performance in cold water as well as identifying actionable biomarkers of operator physical and cognitive performance. He further added that Drs. Jeff Phillips, Anil Raj, and Peter Pirolli will also be instrumental in this ongoing effort, and that IHMC was excited to join them in developing biotechnology approaches to address biomedical challenges and maximize warfighter performance in the undersea domain.

Under pending awards, Dr. Ford mentioned that he was pleased to report that Adam Dalton will take on the role of IHMC PI for a roughly \$1.3M effort under DARPA's new ASSED program, or Active Social Engineering Defense. He commented that cyberattacks on humans are called "social engineering" because they manipulate or "engineer" users into performing desired actions or divulging sensitive information, such as getting an internet user to click on a malicious link or reveal a password. He stated that under DARPA's ASSED program, the aim is to develop the core technology to enable the capability to automatically elicit information from a malicious adversary in order to identify, disrupt, and investigate social engineering attacks. He stated that the IHMC

effort is a partnership with the University of Albany, rather cleverly titled PANACEA, to design, develop, and evaluate Personalized AutoNomous Agents Countering Social Engineering Attacks with the goal of PANACEA to yield an intelligent intermediary between humans and attackers that will rapidly detect possible social engineering attacks, compel adversaries to reveal factual critical information about themselves, and use this information to positively identify an attacker with high probability. He added that we certainly hope this will indeed be a panacea to thwart phishing attacks and the like.

And finally, Dr. Ford mentioned that Dr. Lucian Galescu has been selected to partner with small business Sonalysts on an Army-sponsored small business innovative research project to research relevant features for identification of authorship as well as intent recognition from digital data sets. He added that as many may know, Lucian is an expert in natural language processing and machine learning, and he will be contributing these capabilities to help identify individuals, small groups, organizations or virtual personas data sourced from written text (e.g. – social/dark web media, emails, SMS text, manuscripts, articles, music compositions, software programs, hand written letters/notes) and artwork (e.g. – pictures, graffiti and tattoos). Dr. Ford stated that the goal of the effort is to derive relevant information from various types of multi-domain sources to identify, locate, and associate person(s) of interest or organizations to inform intelligence and support cyberspace operations.

Dr. Ford then informed the Board that Blue Sky meetings continue to be an important and growing activity at IHMC and mentioned that on May 30th and 31st, IHMC hosted the Quantum Innovation Summit for AFRL. He explained that Quantum technologies are developing at a rapid pace as evidenced by the recent satellite-based quantum communications demonstration, and the recent advances of small-scale quantum computers under development by industry. He continued by stating that harnessing the power of quantum mechanics holds the promise for disruptive advances in the areas of timing, sensing, communication/ networking, and computing. He added that the ability to field these systems will lead to a significant advantage for any early adopters and stated that this summit brought together a carefully curated group of thought-leaders across these four quantum technology areas and identify existing capabilities and areas where enabling component development can be accelerated and stated that a goal of the summit was to determine where quantum information science can enable new game-changing capabilities for the Air Force and the Department of Defense. He concluded his remarks on the Summit mentioning that the Undersecretary for Research & Engineering, Mike Griffin was also in attendance.

Continuing the Blue Sky discussion, Ken mentioned that in just a few days, June 13th and 14th, IHMC will host the Work for Humanity Blue Sky Meeting that will explore how dramatic shifts in technology and global demographic trends are reshaping the future of work. He commented that while many have described these changes as an existential threat, this Blue Sky will explore the opportunities these developments offer to elevate and extend human capacity and capability for productive and meaningful work. He explained that this topic touches all aspects of our current workforce and we are bringing together experts in computer science, cognitive psychology, neuroscience, education, economics, history, and social sciences to define the most meaningful roles for humans in the age of autonomy and artificial intelligence and explore how we might educate and prepare people to perform work in such a dynamic and unpredictable future. He stated that this Blue Sky has roughly 20 participants and IHMC employees include: Joe Gomes, Peter Pirolli, Spider Nyland, and himself and also a recent UWF student employee, Basil Kuloba, now working with Studer Group will participate.

Another Blue Sky meeting Dr Ford explained would convene on July 24th and 25th when IHMC will host and organize the Air Force Blue Sky named the Mobility Innovation Summit. He explained that for the past 70 years. the Air Force's strategy for developing capabilities required to conduct mobility operations has been to significantly leverage commercial capabilities and as such, capabilities developed by the military have considerably influenced U.S. commercial capabilities, and vice versa. He added that today the Air Force sees the potential for rapid change in the commercial marketplace (including, but not limited to UAV package delivery; reduced cost for cargo movement into/through space; ultra-efficient large aircraft; etc.) and that in addition, the Air Force hopes to gain a better understanding of the factors driving the commercial marketplace and will, in turn, discuss the strategic drivers affecting future military mobility operations.

He continued the discussion commenting that on August 13th & 14th, IHMC will host a Blue Sky meeting for the Weapons Enterprise at Eglin AFB explaining that this organization plays a critical role in basic & applied research as well as experimentation, demonstrations, testing, and delivery of weapon systems addressing the Air Force core functions of Air Superiority, Global Precision Attack, and Special Operations. He noted that the next 20 years will bring new challenges and the Enterprise must continue to anticipate weapon needs before they arise and with numerous uncertainties in the future it seems logical to solicit the critical views of others to review the current and future weapon portfolio in light of social and technology trends and projections.

Dr. Ford also stated that on Oct 2nd & 3rd, IHMC will host a NASA Blue Sky meeting focused on Robotic Surgery in Space. He explained that as humans embark on long-duration missions, far beyond LEO, a quick return to Earth for medical emergencies will often not be feasible and that this practical reality drives NASA's interest in the subject. He added that of course there are terrestrial applications as well.

He concluded his remarks on these meetings noting that as is probably evident, these Blue Skies are becoming an important part of IHMC's work explaining that we are proud of our contribution to innovation and creative problem solving with our sponsors in government and industry.

Dr. Ford then turned the discussion to awards mentioning that he would be remiss not to mention that our Research Scientist Dawn Kernagis, has been notified that she will be the recipient of the Undersea and Hyperbaric Medical Society Young Scientist Award which will be presented at the organization's award ceremony on June 30th at the Disney Coronado resort. He added that this past April 21, IHMC Senior Research Scientist Tom Jones was inducted into the US Astronauts Hall of Fame at a ceremony at the Kennedy Space Center commenting that this is a wonderful honor for Tom and one for which we are all proud. He continued by noting that in April, the National Academy of Inventors (NAI) inducted IHMC Senior Scientist Dr. Peter Pirolli and 154 other inventors from around the world to its class of 2017 fellows commenting that election as an NAI fellow is one of the highest professional accolades bestowed to academic inventors at universities and research institutions worldwide. He explained that NAI chooses inductees whose patents and research are geared toward improving the world's quality of life stating that Pirolli joins six of his IHMC colleagues as NAI Fellows, that includes: William Clancey, David Fries, and himself; and board members William S. Dalton, Alain T. Rappaport, and T. Dwayne McKay. Dr. Ford reminded the Board that before joining IHMC last year, Pirolli was a research fellow in the Interactive Intelligence Area at the Palo Alto Research Center (PARC) where he studied human information interaction. He explained that Peter is a leader in the field of complex human-information interaction systems and that it was no surprise that NAI would name Peter a fellow adding that Peter holds 74 patents and is among the most talented and versatile researchers that he knows.

And finally, saving the best for last, Dr. Ford announced that our Board Chair, Dr. Bill Dalton was named Tampa Bay's Leukemia and Lymphoma Society 2018 Man of the Year and was honored at an awards event on April 28th 2018. He asked the Board to join him in congratulating Bill who has dedicated his life's work to fighting cancer.

Dr. Ford then turned the discussion to the international conference on walking 14th annual event that was held at the Levin Center at IHMC in Pensacola from Sunday May 20th to Friday May 25th. He explained that Dynamic Walking is an interdisciplinary conference for scientists such as biomechanists and roboticists, who have an interest in legged locomotion adding that the format promotes open sharing of information, through a variety of talks and presentations, brainstorming sessions, and tutorials. He explained that the aim of this meeting is to provide insight into the fundamental principles that underlie legged locomotion and that topics central to dynamic walking include energetics, stability and control, predictive principles and models, dynamic modeling, empirical data with a conceptual tie in, and robot successes and failures. He informed the Board that the 250 participants included students, scientists and professors, with a mixture of researchers studying human walking and those designing walking robots. He added that during the week, the scientists enjoyed Pensacola with morning runs, events at the Saenger, the Mess Hall, the Maritime Park, the Fish House and Pensacola Beach. He ended the discussion mentioning that the first conference was held in 2005 at Carnegie Mellon University in Pittsburgh, Pennsylvania and since then, it has moved to several countries, including Germany and Finland and that it was last held at the IHMC in Pensacola in 2012. He commented that while it was quite an undertaking to host this many people for 5 days and turn out 1700 meals, the IHMC staff did an amazing job and we feel quite proud of showcasing the Pensacola area to the national and international communities.

Dr. Ford then began a discussion of education and outreach stating that on April 13th IHMC threw open its doors for a three hour “open house” focused mostly on the robotics lab and related subjects. He added that this year was our largest ever, with over 1,250 visitors over the 3 hour event.

Moving the discussion to Science Saturdays, the IHMC outreach for 3rd to 6th graders, he mentioned that the program is going strong again this spring in both Ocala and Pensacola with waiting lists in both locations. He explained that this is our oldest and most well-established educational program commenting that Ursula is doing a fine job with this program and can point to kids who caught the science bug while attending Science Saturdays, and are now studying science in some of the best universities.

He continued by mentioning that in January Ursula Schwuttke organized a teacher robotics training for Evergreen Elementary, a failing school in Marion County and that the program broadened, and teachers from Evergreen were joined by teachers from

several other elementary schools and two middle schools. After the training, Evergreen and Sunrise started after school clubs, attended by twelve and ten students respectively and IHMC provided the robots they needed to get started. Dr. Ford then explained that we have just been notified that for the coming school year (2018-19) we will receive a \$10,000 grant from the Public Education Foundation of Marion County to continue this project.

Dr. Ford continued the outreach discussion mentioning that the introductory session of robotics camp, for ages 11-13, starts on June 11 and that it is fully subscribed, with twenty students registered. He explained that for this summer, IHMC has focused outreach to middle schools in lower income areas. He added that Workman was the school that responded with the most enthusiasm, so we concentrated there and requested a recommendation of four talented students from families of limited resources who would benefit from financial assistance adding that four students applied who met the criteria. He noted that in addition, two teachers from Workman will be attending camp and participating as "teacher campers" and the teachers will work on the same challenges as the students, but will work somewhat separately, and will also observe the presentation of the LEGO Mindstorms curriculum. He explained that this will provide these teachers with training needed to start a robotics club at their school in the fall. He added that the intermediate session takes place the week of June 18th and that new this year, all students who have completed grade 8 or 9 (regardless of prior experience) are in the intermediate session. He mentioned that there are also two 7th graders with prior IHMC camp experience in this advanced session but that overall this has almost all of the intermediate campers at ages 13 and 14 noting that this will be a positive change in terms of grouping students according to grade and maturity.

Dr. Ford noted that because of the work on the roof, we are holding only one session of camp at IHMC Ocala during the last week before teachers return to school, the week of July 31 and that this camp is fully subscribed with eighteen campers and four teacher campers. He stated that two teachers are from Sunrise Elementary, one is from Evergreen, and one is from Horizon Middle School adding that Sunrise and Elementary both participated in our teacher training in January and want more training. He also noted that IHMC in Ocala will also hold an introductory session of robotics camp at the Boys and Girls Club the week of July 9.

Concluding his remarks, Dr. Ford mentioned that the new podcast show, STEM-Talk continues to be one of the highest ranked science shows on iTunes and other podcast providers and that currently STEM-Talk has well over 1 million listeners. He thanked

the Board noting that this has been a busy spring and early summer so far and that he expects this trend to continue adding that he looks forward to seeing many of the Board members at the upcoming lectures and other events at IHMC. Dr. Ford thanked Chair Dalton for the chance to provide this report.

Chair Dalton thanked Dr. Ford and the Board after a short break the Board reconvened for research presentations from Joe Gomes, Peter Neuhaus and David Fries.

Chair Dalton then asked for additional discussion and hearing none, he adjourned the meeting and invited all Board members to enjoy lunch in the Levin Center kitchen.

The Board of Directors meeting adjourned at 11:45 a.m.

Respectfully submitted,

Julie Sheppard
Corporate Secretary