

IHMC Board of Directors Meeting Minutes  
Monday, September 17, 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 June 11, 2018 Minutes               | Chair Bill Dalton   |
| 2. Discussion on IHMC Financials                   | Director Dick Baker |
| 3. Discussion and Action on Executive Compensation | 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 |

Adjournment

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, Eric Nickelsen, Mort O'Sullivan, Jay Patel, Alain Rappaport, Ray Russenberger, Martha Saunders, Gordon Sprague and Glenn Sturm. Also, in attendance were Ken Ford, Bonnie Dorr, Ryan Tilley, 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.

Chair Dalton began by informing the Board that Ken Ford and IHMC have been featured on the cover and in a 9-page spread in September issue of Florida Trend magazine mentioning that the full coverage was in the issue beginning on page 78 through page 87. He asked that Alan or Julie send copies of the article to all the Board members.

Chair Dalton also mentioned that Ken has been notified that he was recently named to Florida Trend's Florida 500, the list of Florida's most influential business leaders adding that this is indeed a distinct honor that represents his overall commitment, energy, and effort to continue moving Florida forward. Chair Dalton offered his congratulations to Ken. Dr. Ford thanked Chair Dalton and informed the Board that Bill Dalton was also named in the Florida Trend Florida 500 List.

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

June 11, 2018 Minutes and asked for a motion to approve. Director O'Sullivan moved approval and Director Nickelsen 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, discussed the 10% net increase in assets on the books despite the \$1 million reduction in state funding and complemented IHMC on the impressive financials.

Chair Dalton then introduced Agenda Item 3, the Discussion and Action on Executive Compensation Plan for Dr. Ford. He began his remarks by reminding the Directors that as many might recall, Ken has been reluctant to accept salary increases in an effort to keep his salary competitive for his work on federal contracts and grants and has not accepted a salary increase since 2012. He added that over the past 5 years, rather than increase his salary, this Board funded an annuity totaling \$50,000 from 2012 to 2017 mentioning that this annuity was fully funded in December of 2017.

Chair Dalton explained that the executive compensation committee reviewed his salary and benefits package and that this morning this committee has a twofold recommendation to bring before this board that honors Ken's request not to get his salary too high, but to recognize his tremendous work in growing the Institute and bringing such recognition to Florida. He outlined the proposal stating that the first part is a recommendation to increase the Travel and Housing Stipend that we currently provide Ken by \$15,000 annually and to make this increase retroactive to July 1, 2018, adding that this would make the Stipend \$100k annually payable in 4 quarterly payments. He outlined the second part would be to authorize this Executive Compensation Committee consisting of Ron Ewers, Dick Baker, Alan Rappaport, Glenn Sturm and himself to review and recommend an Executive Benefits Package for Senior Leadership at IHMC considering such things as fully paid family health insurance, executive physical stipends, and other benefits that would be commonly provided to Senior Level leadership. He explained that the purpose for this is to both find ways to increase Ken's overall compensation but also provide a benefits package that can assist IHMC in recruiting top leadership talent to aid in succession planning etc.

Chair Dalton explained that if these recommendations are approved by this Board, IHMC could implement the Stipend increase immediately and return to this Board at a later date with a review of a senior level benefits package and suggested action. Chair Dalton's two prong proposal was made a motion by Director Baker, seconded by Director Saunders 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. He began by thanking the Board for participating in the board meeting, mentioning both those who are here in person and those on the phone.

Dr. Ford began his comments by mentioning the State Legislative Session and commenting that the general theme for the state outlook is wait-and-see. He added that we will have the most change in political leadership in eight years, and everyone is watching carefully in the lead-up to elections on November 6. He explained that IHMC's team continues to do an excellent job educating the incoming elected officials and staff about our history and the world-class work we are doing.

He stated that nominees for Governor are Ron DeSantis and Andrew Gillum, and added that neither one has previously served in state government. He also mentioned that both are young, commenting that DeSantis would be 40 on Election Day and Gillum is 39. He continued by stating that DeSantis is aligned with President Trump and ideological conservatives whereas Gillum is aligned with George Soros and ideological liberals. He mentioned that while the contrast between them is stark, both offer themselves as fresh, optimistic leaders for their respective political parties. He continued by stating that neither candidate has provided many specifics on how he would govern adding that we believe either DeSantis or Gillum will tend to rely on staff recommendations for budgeting issues, especially during the first session. He added that it is worth noting that previous new Governors have had an inclination to generate a long veto list in their first session to set precedent and tone.

Dr. Ford continued on, stating that DeSantis's pick for Lieutenant Governor, Jeanette Nuñez, is the current Speaker Pro Tem of the Florida House and that Gillum's choice, Chris King, is from private enterprise. He mentioned that Nuñez's background is healthcare, adding that she also led an education committee earlier in her legislative tenure. He continued noting that King, a former candidate for Governor himself, has no government experience. He also noted that except for Lt. Gov. Frank Brogan, the holder of the second-highest state office has had little effect on education policy or budget issues.

Dr. Ford continued his comments adding that the Cabinet has also traditionally had minimal effect on education budget and policy but is worth following since ultimately, they preside over significant land use decisions in the state. He mentioned that the Cabinet could potentially become a second political battleground as some are predicting an all Republican Cabinet and a Democratic Governor. He added that to date, Republican nominees have slight leads in most polls, mentioning Attorney General: Ashley Moody (R) vs. Sean Shaw (D); and Chief Financial Officer: Jimmy Patronis (R) vs. Jeremy Ring (D); Commissioner of Agriculture: Matt Caldwell (R) vs. Nikki Fried (D). He concluded the Cabinet discussion by adding that Shaw, Patronis, Ring, and Caldwell have all served in the Legislature.

Turning to the Legislative leadership for 2019-20 and beyond, Dr. Ford noted that this is already set with Bill Galvano (R-Bradenton) to be Senate President and Jose Oliva (R-Hialeah) as the House Speaker. He mentioned that both have been preparing for these positions over the past several years and have a good knowledge of IHMC. Dr. Ford commented that Galvano, in particular, knows us well since he has previously served as the Education Appropriations Chair. He stated that we will not learn Committee

assignments until after the election and the Organizational Session in mid-November. He mentioned that this next year, session will be the regular Spring Session, from early March to early May and that as of now, there are no expectations of any special sessions. He added that hurricanes are always a wildcard factor to be mindful of this time and that natural disasters can certainly impact revenues and change budgeting. He concluded his remarks by mentioning that there will be some turnover in several senior staff positions in Appropriations and that IHMC will be educating the new staff, along with new Legislators, both before and after the elections.

Dr. Ford then mentioned the budget outlook adding that there is some positive news about potentially increasing state revenues, though that projection released by the State's official revenue estimators last week is tempered by projections of a downturn in the following two years. He stated that the Legislature has been oriented more toward tax cuts and building reserves, so it is premature to expect any increases in the state budget. He added that this economic news in Florida and throughout the country continues to be positive and suggests increasing economic activity and higher tax revenues.

Dr. Ford mentioned that IHMC also recently hosted Mel Ponder who is the Florida State Representative from District 4 remarking that Representative Ponder was given a tour of the facilities and met some of the research scientists. He added that he seemed impressed with the IHMC accomplishments to date and extremely interested in our current research and that Representative Ponder was especially supportive of all the education outreach programs IHMC conducts and looks forward to supporting us in any way he can. Dr. Ford noted that Representative Ponder was very interested in the joint PhD program with UWF and we are hopeful that he will support any legislative funding requests. Dr. Ford also mentioned that we are also expecting a visit from Senate President Galvano in the next few days adding that as the Board may recall, this was originally scheduled for June but has been delayed several times. He continued by stating that we hope that with strong support from both the Senate and House, it will be a good year in Tallahassee.

Dr. Ford then stated that speaking of the joint PhD Program in Intelligent Systems & Robotics, Dr. Saunders and he will both travel to FIU in early November to discuss the program with the Florida Board of Governors. He noted that it is our expectation that this will be the final hurdle and we will begin recruiting for the first class to start in September of 2019.

Dr. Ford then turned his discussion to the federal audit noting that the DCAA has completed its audit of IHMC's indirect cost rate for the fiscal years 2016 and 2017 adding that there were no issues or findings and that these were "clean" audits. He stated that this has been communicated to ONR and we are very pleased with this result. He mentioned that the external auditors, Saltmarsh, Cleveland & Gund, have concluded field work and are in the process of wrapping up the fiscal year 2018 audit. He added that we believe the audit went very smooth and to our knowledge there are no issues or findings but as always, fingers crossed.

Dr. Ford then turned to new hires announcing that IHMC is pleased to announce that Dr. Arash Mahyari has joined IHMC Ocala, with today being his official start date. He mentioned that his previous position, that he has just concluded, was as an engineer at ABB Robotics R&D and that he holds dual degrees in Electrical Engineering and Statistics from Michigan State University. He added that Arash has publications in top tier conferences and journals as well as over 10 year's experience in developing and implementing algorithms in the field of AI and Machine Learning mentioning that in particular, he has research as well as practical experience on deep learning and its frameworks. He informed the Board that Arash's PhD thesis was on computational neuroscience: functional connectivity networks adding that he has familiarity with most big data analysis frameworks. Overall, Dr. Ford concluded, he is a great fit with the many areas of research in which IHMC currently works and he hopes all will join him in welcoming Arash to IHMC.

Dr. Ford then mentioned that Kody Coleman has joined IHMC this past July adding that Kody is a PhD student at Purdue University studying Aeronautics and Astronautical Engineering. At IHMC, Dr. Ford stated that Kody will be a Research Associate working with Dawn Kernagis, Anil Raj and Jeff Phillips mentioning that Kody is a two sport NCAA athlete in football and baseball and interested in optimizing mental and physical performance, thus his interest in IHMC. He noted that Kody will be with us until January 2019 when he joins the Marines.

Dr. Ford also noted another new hire in late August, Ryan Tilley, who joined IHMC as Director of Strategic Program Execution and Innovation. Prior to joining IHMC, Dr. Ford informed the Board that Ryan was the Chief Operating Officer of VetCV as well as KontaktIntelligence where he oversaw all aspects of strategic planning, resource management, staffing, innovation, and growth management. He mentioned that Ryan has significant experience in government contracting working as a program manager and senior consultant for H2 Performance Consulting supporting numerous DoD clients across the nation stating that Ryan holds numerous industry certifications and is a Pensacola native with a MBA as well as a bachelor of science in both Finance and Global Economics from the University of West Florida. He added that Ryan also received his Master's Certificate in Entrepreneurship from UWF.

Turning to recent events, Dr. Ford informed the Board that Dr. Peter Neuhaus and his team have delivered their latest version of NASA's lightweight and compact prototype robot-based exercise device. He added that the team is leveraging this experience and will continue the evolution of the technology for a commercial facing "Galaxy" version stating that this commercial facing version is being developed in collaboration with Cobalt Intelligence who continues to support IHMC's development of this innovative device. He mentioned that at the end of September, Cobalt will be bringing in an investment group, Fortress, to see the current version of the Galaxy exercise device with an end goal of potentially providing funding to drive commercialization. He added that during this visit, the Fortress team will be receiving a tour of the IHMC facilities and will no doubt be impressed by IHMC's facilities and team.

Since our last Board meeting, Dr. Ford stated that IHMC has hosted a successful Blue Sky meeting for the Air Force Research Laboratory and also the Air Mobility Command. He mentioned that several interesting and innovative concepts surfaced at the meeting adding that he has a copy of the report if any board members would like to see it. He continued his report commenting that on Oct 2<sup>nd</sup> and 3<sup>rd</sup>, IHMC will be hosting another Blue Sky meeting bringing together experts in robotic surgery, minimally invasive surgery, robotic engineering, and mission operations and healthcare for long duration human spaceflight missions. He noted that this panel will conduct a fact-finding assessment of the role that a human-inspired robot could play as a medical/surgical assistant at a Lunar colony or on an expedition to Mars. He continued by stating that given the on-going evaluation of robots on the ISS and the expectation that early exploration missions may have a crew as small as four, it is reasonable to consider that tasks to assist the crew medical office could be accomplished by a properly configured robot.

Dr. Ford then mentioned that Dr. Dawn Kernagis will collaborate with Ball Aerospace to host a Blue Sky for the 2018 U.S. Special Operations Command (SOCOM) Performance Nutrition Summit. He added that the objective of the 2018 US SOCOM Performance Nutrition Summit will be to provide the most up-to-date information in the field of human performance optimization and performance nutrition and will provide a venue for collaboration between Human Performance Program locations to share best practices and plan future efforts. He stated that this summit will guide both R&D strategy and current practice by assessing the state of the art and current leading research activities in this area.

Dr. Ford then turned the discussion to research funding commenting that it has been a busy summer and that he was happy to report on a number of significant projects in the works. He noted that IHMC researchers have been awarded and contracted nearly \$2M in new R&D funding and have another \$11.5M approved pending negotiation and contracting. He commented that this was an excellent showing in a little over 3 months noting it is one of IHMC's strongest.

He began the research funding by stating that the Universities Space Research Association (USRA) has executed option 1 of its agreement with IHMC, thus extending the collaboration efforts of its organization with IHMC through May of 2020. He noted that the focus of this effort is to provide NASA Ames Research Center leadership and technical personnel strategic input on autonomy and related areas, with particular focus on human-autonomy teaming.

Continuing on, Dr. Ford noted that Dr. Jerry Pratt and Dr. Peter Neuhaus recently received a \$1M award to research and develop mobility, control, and planning algorithms for NASA's Johnson Space Center Valkyrie humanoid Robot. He commented that IHMC has previously worked with NASA sponsored National Robotics Initiative (NRI) and related humanoid projects with a focus on expanding the boundaries of humanoid robot capabilities for co-exploration of hazardous environments, such as disaster recovery, space construction and Mars exploration. He stated that this new effort will focus the

Valkyrie Robot on performing bomb disposal operations and that IHMC will host a Valkyrie humanoid platform for the duration of this project and will be performing operations required for bomb disposal using a mocked-up environment.

He continued on mentioning that Dr. Dawn Kernagis and her colleagues have teamed up with the US Special Operations Command to perform research in partnership with HVMN Inc. in regards to utilization of Ketone Esters. He added that the purpose of this project is to test the efficacy of ketone ester supplementation to attenuate negative cognitive, perceptual, and motor performance effects associated with acute mild hypoxia exposure.

Continuing on, Dr. Ford mentioned that through various media reports, some of the Board may already be aware of IHMCs recent partnership with the Pensacola Police Department (PPD) to develop its own drone program. He stated that Dr. Matt Johnson and the team from IHMC will develop two different customized drone designs for indoor and outdoor use. Dr. Ford stated that the PPD believes these drones will reduce officer risk in situations with high potential for violence like SWAT standoffs. He concluded that additional uses of these drones may include: search and rescue, disaster response, fugitive evasion, barricade situations, outdoor event monitoring, active shooter scenarios, as well as bomb threat instances adding that this effort establishes the potential for a long and fruitful relationship with our local police department and opens the door to many other drone-based training curriculum opportunities.

Dr. Ford also mentioned that Dr. Matt Johnson has also been awarded an extension of his efforts for AeroVironment developing a Solar High Altitude Platform adding that AeroVironment of Monrovia, California, is the nation's top provider of small drones to the Department of Defense. He stated that AeroVironment is developing a fleet of solar-powered, high altitude, long endurance unmanned air systems to perform as a collective atmospheric satellite with station-keeping presence for persistent surveillance and other operations over a time period in excess of six-months. Dr. Ford informed the Board that Matt's role will be to develop state of the art technology in cooperative control of many aircraft by relatively few human operators, and in turn to conduct a workshop detailing IHMC's recommended approach to "constellation management."

Dr. Ford also commented that Dr. Jeff Phillips has received notice that his proposal to AFRL, in collaboration with UWF, will be funded at \$337K. He stated that the work will be to develop and evaluate tools that identify when human cognitive performance effects are present as a result of a physiologic episode and quantify their occupational significance and that tools to be evaluated include psychometric instruments developed to quantify the effect and size of specific operational stressors, operator status monitors designed to preemptively detect stress associated performance degradation, and stress mitigation strategies.

Dr. Ford continued his research update mentioning that Dr. David Fries has received an award to work with BTA Acquisitions on 3D printed housing, adding that this project's intent is to create and demonstrate a concrete habitat workflow along with a novel,

tabletop-sized 3D printer for both concrete and polymer printing using an innovative print head that enables complex, efficient shapes to be realized. Additionally, he stated, the digital fabrication workflow will permit artistically designed and engineered housing structures combined with 3D printed fastening structures for simple, guided placement of flexible plumbing, lighting and electrical tubing and wiring.

Dr. Ford then mentioned several approved projects pending contract and negotiation stating that Dr. James Allen will receive \$3.3M in funding from DARPA for a proposal called “Collaborative World Modeling,” where his team will be improving and refining their existing framework for describing the I/O capabilities of external reasoning engines so that they can be chained together. Dr. Ford noted that this work also consists of developing a more robust collaborative problem-solving agent to work with a user to analyze situations using quantitative simulations as well as demonstrating improved identification and extraction of key data from machine reading.

Additionally, Drs. Robert Griffin, Jerry Pratt and a number of other IHMC team members were recently informed that they will be awarded \$3M from ONR to research, develop, and demonstrate high speed humanoid robot behaviors for tactical urban operations alongside soldiers as a robotic squad member. Dr. Ford stated that, equipped with the right skills, humanoid robots promise to enable revolutionary changes in urban tactics across the full spectrum of squad operations, as well as transform disaster response, functioning as human avatars while keeping personnel safe. He noted that the team will design an autonomous behavior framework, combining skills into action tasks, or “behaviors” including identifying and opening doors, entering rooms, navigating through cluttered rooms, moving obstacles, going up stairs, and searching rooms. He mentioned that this award is now in contracting.

Dr. Ford also commented that Adam Dalton will be working with SUNY Albany on a DARPA funded program to design, develop, and evaluate Personalized AutoNomous Agents Countering Social Engineering Attacks (PANACEA) to protect online users against all forms of social engineering. He added that we anticipate the funding level for this project will be approximately \$1.6M.

Continuing on, Dr. Ford mentioned that Research Scientist Parisa Kordjamshidi, a joint appointment with Tulane, has been notified that her proposal has been approved for \$2M in funding by ONR and is in the contracting office and should be officially awarded next month. He added that her research will focus on developing a framework and novel underlying formalism for integrating domain knowledge and statistical learning adding that the objective is to find a breakthrough abstraction for designing complex AI systems based on data and knowledge representation rather than based on underlying computational units.

Dr. Ford also noted that Dr. Kristy Hollingshead has learned that she will receive \$330K, in collaboration with small business Modus Operandi, for her REPAST (Runnable Environment for Plug and Scrape Technology) project. He mentioned that Dr. Hollingshead has experience in Natural Language Processing (NLP) and Social Network



Analysis (SNA) and will develop the REPAST analytic capabilities needed to create a composite picture from multiple social media sources and provide informative visualization capabilities for both data and analytics. He concluded by noting that social network analytics and community structure analysis tools will be developed to provide understandable insights directly to the end user in an intuitive way.

Continuing on, Dr. Ford commented that IHMC researchers Kernagis, Gomes, Ford, Clark, and Raj have been notified that they will receive \$1.1M in funding from SOCOM to collaborate with the SALK Institute for Biological Studies stating that the objective of the research is to evaluate the potential of a novel drug in enhancing physical performance in elite operators. He added that the specific aims include testing the safety, efficacy, and optimal dosing of the drug alone, and in combinations with various exercise-training modalities, in improving performance and that the specific goals of this project include, enhancing endurance capacity and performance, improving metabolic efficiency, and enhancing cognitive function.

Dr. Ford then turned the discussion to outreach commenting that Science Saturdays is again underway this fall and that this coming Saturday in Pensacola we have Heath Parr hosting OZOBOT Logic, on October 20 with David Fries leading Fun with Polymers, November 17 with Pat Hayes and an all-time favorite Bottle Rockets and concluding on December 15 with Dawn Kernagis and Genomics. He noted that we are extremely happy to have sponsorship once again from the Escambia County Sheriff's Office and Gulf Power.

He mentioned that in Ocala, we started September 1 with Ian Perera and Paper Airplanes to a happy crowd of young people to be followed on October 6 with Dom D'Agostino to host NEEMO Mission Science; on November 3, Jena Hwang will host Secret Codes, another favorite science Saturdays and we will wrap up December 1<sup>st</sup>, with Food What's in It by Dr. Sunny Ferrero, a Professor at Valencia College. Dr. Ford gave special thanks to Ron and Phyllis Ewers for their unwavering support and sponsorships of Science Saturdays noting that they are joined this season by Ocala Electric Utility and Lockheed Martin.

Dr. Ford also mentioned that there is a very nice story out of the Pensacola and subsequent Ocala operations that highlights why we do student outreach. He stated that this past summer the Department of Juvenile Justice contacted our Outreach Director, Dr. Ursula Schwuttke, about a student being released from one of their boarding schools in Tallahassee, back to his family in Pensacola. He added that Ursula was told he was a smart and nice kid interested in everything related to technology and that request was for us to discount the camp fee, because the teachers at the school were going to try to pitch in and pay it but IHMC waived the fee entirely. The student did pretty well at the camp, but had the usual issues with transportation that kids from low income families are prone to, and he was sometimes sleepy in the morning because he was up all night "watching the baby." Dr. Ford continued the story by stating that on the last day of camp, 4 of the teachers and staff from the school in Tallahassee drove all the way to Pensacola to cheer him on in the final camp challenge and afterwards, Julie gave all five a tour of the

robotics lab. Dr. Ford noted that Ursula later learned that they had contacted 4 or 5 other camps, and no one else had been willing to work with them and thus IHMC's summer robotics camp was the only camp he attended. Continuing on, Dr. Ford noted that a friend of IHMC in Ocala, Rich Bianculli, was moved by this story, and asked to do more to help this young man, even though he's in Pensacola. As this year he will be in grade 9, Ursula thought tutoring might be the best thing for him, to help him transition from good student to great student, and to have some additional positive input to his life choices. DOJJ in Tallahassee agrees with Ursula and is also providing a non-academic mentor. The Center for Academic Testing in Gulf Breeze has agreed to support this young man and reduce their fees and provide all the materials free and DOJJ will cover his transportation costs to the Center and Rich from Ocala will pay the \$40-\$60 per week for two hours of tutoring. Dr. Ford concluded by noting that it truly was a collaborative effort and we expect all positive things ahead for this young man.

Dr. Ford commented that Best Buy has once again funded the IHMC Summer Robotics Camp for Escambia County Middle School Students with a Grant Amount of \$7,000.00 awarded through the Community Grants program, to support programs that provide youth with access to new technologies and help them become interested and fluent in digital learning while developing skills to help better prepare them for future education and career success.

Dr. Ford mentioned that STEM-Talk just released Episode 72 with Peter Norvig talking about working at Google, digital privacy, fake news, killer robots and the future of AI. He noted that Episode 71 featured Elizabeth Nance talking about using nanotechnology to understand and treat brain diseases stating that if you are not currently listening to STEM-Talk, you are missing out on some spectacular podcasts.

He noted that fall Evening Lectures are again up and running with a great set of season sponsors in both Pensacola and Ocala. He stated that in Ocala we have a premium Sponsor, Duke Energy and a Lecture Co-host with the College of Central Florida. He mentioned that season sponsors include Rasmussen College, Ocala Electric Utility, Ocala Style, Pruvit, and the Ocala Star Banner.

In Pensacola, Dr. Ford noted that we have season sponsors including Dr. Roger Orth and Gastroenterology Associates, Clark Partington Attorneys at Law, Ketologic, Pruvit, BJ and Kimberly Etscheid, and Garlan Sisco; and that lecture sponsors include the PNJ, Dr. Ed and Judy Galbavy, Dry Farm Wines, and Joanne Bujnoski and Martin Kandes. He commented that we held our first Pensacola lecture this fall on September 5<sup>th</sup> with Evan Kovacs and Richie Kohler discussing from the Seafloor to the Stars and that future fall lectures in Pensacola will feature Apollo astronaut Harrison "Jack" Schmitt on October 25 discussing How to Return to the Moon and Go on To Mars; and November 15, IHMC's Jerry Pratt will discuss Humanoid Robotics.

In Ocala, Dr. Ford stated that September 27 will feature Rick Baker talking about the Rich History of Florida, Past lessons learned for the Future; October 30 will feature IHMC's Jonathan Clark; and December 4<sup>th</sup> will feature our esteemed Board Chair Bill

Dalton. Dr. Ford informed the Board that as always, if any Directors would like to attend and be included in the dinner after the event, please reach out to him.

Dr. Ford then turned the discussion to the Ocala roof project noting that Tallen Builders has done an excellent job, completing everything on the roof that can be done, including repairing the long-term gutter leak, until the skylight gets here. He mentioned that the skylight manufacturer has not given us a solid date at this time but we expect late September or early October. Dr. Ford thanked Ron and Phyllis Ewers for the generous gift to help us stay dry in Ocala.

Dr. Ford then informed Chair Dalton that this concluded his report.

Chair Dalton thanked Dr. Ford for an excellent report and asked the Board if there were any additional items. Hearing none, he informed the Board that the next meeting is a teleconference scheduled for Monday December 3, 2018 at 8:30 am.

Chair Dalton then adjourned the Board meeting at 9:45 am central time.

Respectfully submitted

Julie Sheppard  
Corporate Secretary