Hilliard City School District BOARD OF EDUCATION MEETING January 14, 2019 (follows Organizational Meeting) Heritage Middle School John Marschhausen, Ph.D. – Superintendent

<u>Agenda</u>

A1	President calls meeting to order. Time:
A2	President calls on Treasurer to take the roll.
	ROLL CALL: ABATE, KECK, LAMBERT, LONG, WHITING
A3	Pledge to flag

B. RECOGNITION / PROGRAM

B1 School Board Recognition Month: As citizens who serve children and represent their communities, individual school board members face complex and demanding challenges. Yet, few people fully understand the scope and far-reaching implications of board members' responsibilities. All Ohioans should recognize the vital contributions of these men and women and focus attention on the crucial role these elected public officials play in the education of our children. They make a difference for students.

B2 This year in the media center our major goal was to reinvent the great space we have. By moving a few things around and reinventing the existing space, we were able to make three brand new green screen rooms. Cooperating with the tech teacher, Mrs. Feeney, we have been able to take the Media Center to a new level by using the app "Touchcast Studios". So far this year we have hosted multiple class projects and collaborated with teachers to create new ways of expressing content learned throughout a given curriculum unit.

Chinese students completed a "video exchange project" based on the tradition of making "penpals" for our students. While instead of students "writing" letters to communicate we modified it for students to use videos by "speaking" to one another via a personalized video. We called this an International Communicative Cultural Exchange with students at Heritage and students of similar age at our sister school in Hangzhou, China (Greentown Qinqin School). The students communicated with each other over assigned topics.

B3 HEF Board Members will be sharing information about an upcoming event.

C. ROUTINES

- C1 Additions or deletions to agenda
 - a. _____
 - b. _____
- C2 Superintendent recommends, _____ moves and _____ seconds that the Board of Education adopt the agenda.

ROLL CALL: ABATE____, KECK ____, LAMBERT ____, LONG ____, WHITING _____.

C3 Superintendent recommends, _____ moves and _____ seconds that the Board of Education approve the December 2018 Treasurer's Report.

ROLL CALL: ABATE____, KECK ____, LAMBERT ____, LONG ____, WHITING _____.

- C4 Superintendent recommends, _____ moves and _____ seconds that the Board of Education approve the minutes from the following meeting:
 - a. December 10, 2018 regular meeting

ROLL CALL: ABATE____, KECK ____, LAMBERT ____, LONG ____, WHITING _____.

D. PUBLIC PARTICIPATION

The Board of Education of the Hilliard City School District encourages and appreciates citizen interest in meetings of the board. This place in the agenda is especially set aside to hear comments from visitors. Persons wishing to address the board should make written requests in advance of the meeting or complete the Visitor Form found where the agenda materials are located. When called, each speaker is asked to address the board at the microphone so that remarks may be clearly heard and recorded. The speaker should give his or her name and address and limit comments to three minutes.

Board members may ask questions of the speaker for information or clarification and may or may not make comments in response to a speaker's remarks. It should be noted that this section of the agenda is to hear the views of citizens about their schools. No board member has the power or authority to act for the board; therefore, no response from an individual board member should be interpreted as an official action of the board. Portions of the board meeting are being audio taped.

E. CONSENT AGENDA

Superintendent recommends, ______ moves and ______ seconds that the Board of Education approve the consent agenda – Items E1 through E3. Action by the Board of Education in "Adoption of the Consent Agenda" means that all E items are adopted by one single motion unless a member of the Board or the Superintendent requests that any such item be removed from the consent agenda and voted upon separately. Employments, where applicable, are contingent upon 1) Verification of education and experience, 2) Proof of proper certification, and 3) Positive results from a criminal records check.

- E1 Approve the following Certificated Personnel actions:
 - a. Retirement:
 - 1. Bertholf, Mary C, Media Specialist, HDB, effective May 31, 2019. Mrs. Bertholf has been with Hilliard City Schools since September 1993.
 - Foster, Scott A, School Counselor, HST, effective May 31, 2019. Mr. Foster has been with Hilliard City Schools since August 1990.
 - 3. Pivarnik, Annamarie, Interv Spec-SLSP, AVY, effective May 31, 2019. Mrs. Pivarnik has been with Hilliard City Schools since August 2005.
 - 4. Wright, Laurie D, Prog Coord Sch Age Child Care, COA, effective March 31, 2019. Mrs. Wright has been with Hilliard City Schools since August 1997.
 - Resignation effective end of the day as noted: Eagle, Douglas K, Interv Spec-SBP, HST, effective February 28, 2019
 - c. Change to Unpaid Leave of Absence: Schmitt, Emily J, 1st Grade, RGW, an unpaid leave of absence for family illness effective the beginning of the day October 11, 2018, and ending the end of the day January 6, 2019 August 1, 2019.
 - d. Unpaid Leave of Absence:
 - 1. Miller, Bethany S, Physical Therapist, COA, an unpaid leave of absence for family responsibilities effective the beginning of the day January 22, 2019, and ending the end of the day March 4, 2019.
 - 2. Rice, Jessica L, Speech Pathologist, HPS, an unpaid leave of absence for family responsibilities effective the beginning of the day February 4, 2019, and ending the end of the day March 30, 2019.
 - e. Employment Supplemental Salaries effective for the 2018/2019 school year:

All are 100% level unless otr	herwise indicated.					
STAFF MEMBER	ASSIGNMENT	BLDG	PERCT	STEP	SALARY	
Bower, Brent A	Track-Head 7/8 Boys	HMS	6.00%	24	\$4,017.00	
Danko, Maura E	Softball-Head 8	HMS	6.00%	2	\$2,675.00	
Karaoglan, Lindsay A	Lacrosse-Head 7/8 Girls	HMS	6.00%	3	\$2,786.00	
Longwell, Chase A	Baseball-Head 8	HMS	6.00%	1	\$2,568.00	
Turney, Nathan D	Track-Head 7/8 Girls	HMS	6.00%	3	\$2,786.00	

Bobek, Chad A	Baseball-Head 8	MMS	6.00%	7	\$3,278.00
Borden, Shane M	Volleyball-Head 7/8 Boys	MMS	6.00%	3	\$2,786.00
Long, Anthony J	Track-Asst. 7/8 Boys	MMS	5.50%	6	\$2,885.00
Wojciechowski, Kari L	Softball-Head 8	MMS	6.00%	5	\$3,022.00
Baker, Patrick T	Softball-Head 7	WMS	6.00%	6	\$3,147.00
Bell, Douglas E	Softball-Head 8	WMS	6.00%	10	\$3,703.00
Kattenhorn, Charles R	Track-Asst. 7/8 Boys	WMS	5.50%	7	\$3,005.00
Klie, John S	Baseball-Head 8	WMS	6.00%	9	\$3,555.00
Miller, Jacob W	Track-Asst. 7/8 Girls	WMS	5.50%	5	\$2,770.00
Stille, Samuel S	Track-Head 7/8 Boys	WMS	6.00%	7	\$3,278.00
Bell, Evan M	Volleyball-Head Varsity Boys	HDB	12.00%	4	\$5,802.00
Fox, Matthew S	Track-Head Var Boys	HDB	12.00%	8	\$6,827.00
Gilkerson, Matthew J	Baseball-Asst. Varsity	HDB	7.00%	20	\$4,686.00
Morris, Shawn R	Tennis-Asst. Varsity Boys	HDB	6.50%	17	\$4,351.00
Nickel, Scott W	Tennis-Head Var Boys	HDB	10.00%	19	\$6,694.00
Ozbolt, Andrew W	Baseball-Asst. Varsity	HDB	7.00%	5	\$3,525.00
Papp, Shawn J	Softball-Head Varsity	HDB	12.00%	11	\$7,713.00
Ross, Joseph S	Volleyball-Head Fr. Boys	HDB	7.00%	11	\$4,499.00
Secor, Kaleb B	Lacrosse-Head Varsity Girls	HDB	10.00%	6	\$5,245.00
Seymour, Donald E	, Track-Head Var Girls	HDB	12.00%	29	\$8,033.00
Tackett, Jeffrey A	Softball-Asst. Varsity	HDB	7.00%	11	\$4,499.00
Weer, Michael J	Baseball-Head Varsity	HDB	12.00%	13	\$7,713.00
Baker, Colleen M	Tennis-Head Var Boys	HBR	10.00%	4	\$4,835.00
Frymier, Joel S	Track-Asst. Varsity Boys	HBR	7.00%	9	\$4,148.00
Gadfield, Benjamin D	Track-Head Var Boys	HBR	12.00%	13	\$7,713.00
Heinlen, Kyle X	Track-Asst. Varsity Boys	HBR	7.00%	1	\$2,996.00
Ison, Tyler A	Track-Asst. Varsity Girls	HBR	7.00%	4	\$3,385.00
Kisner, Andrew M	Baseball-Head Freshman	HBR	7.00%	5	\$3,525.00
Moody, Heather M	Softball-Asst. Varsity	HBR	7.00%	19	\$4,686.00
Moody, Kevin J	Softball-Head Varsity	HBR	12.00%	29	\$8,033.00
Nees, Thomas E	Track-Head Var Girls	HBR	12.00%	30	\$8,033.00
Rice, Chad M	Lacrosse-Asst. Varsity Girls	HBR	6.50%	1	\$2,782.00
Riggs, John M	Track-Asst. Varsity Boys	HBR	7.00%	32	\$4,686.00
Rolsten, Kole J	Baseball-Asst. Varsity	HBR	7.00%	4	\$3,385.00
Aleshire, Ryan M	Track-Head Var Boys	HDV	12.00%	17	\$8,033.00
Beatty, Matthew J	Track-Head Var Girls	HDV	12.00%	14	\$7,713.00
Cameron, Betty	Track-Asst. Varsity Girls	HDV	7.00%	21	\$4,686.00
DeDent, Steven M	Tennis-Head Var Boys	HDV	10.00%	33	\$6,694.00
Eisner, Lindsay R	Softball-Asst. Varsity	HDV	7.00%	6	\$3,671.00
-	Softball-Asst. Varsity	HDV	7.00%	18	\$4,686.00
Forte, Angelo J	-		12.00%	9	
Herring, John R	Volleyball-Head Varsity Boys	HDV			\$7,110.00
King, Nathan D	Track-Asst. Varsity Girls	HDV	7.00%	8	\$3,983.00
Miller, Brett A	Baseball-Head Freshman	HDV	7.00%	11 27	\$4,499.00
Schlecht, Patrick B	Track-Asst. Varsity Boys	HDV	7.00%	27	\$4,686.00
Speakman, Katherine R	Softball-Head Varsity	HDV	12.00%	10	\$7,406.00
Swallie, David J	Baseball-Asst. Varsity	HDV	7.00%	28	\$4,686.00
Swallie, Justin D	Baseball-Head Varsity	HDV	12.00%	13	\$7,713.00
Trubiano, Clay M	Track-Asst. Varsity Girls	HDV	7.00%	4	\$3,385.00
Weygandt, Douglas R	Tennis-Asst. Varsity Boys	HDV	6.50%	18	\$4,351.00

f. Employment – Pupil Activity Programs - effective for the 2018/2019 school year: All are 100% level unless otherwise indicated.

All are 100% level unless otherwise indicated.				
STAFF MEMBER ASSIGNMENT	BLDG	PERCT	STEP	SALARY
Brinkerhoff, Jon B Volleyball-Head 7	/8 Boys (50%) HMS	6.00%	2	\$1,337.50
Clay, Taylor A Track-Asst. 7/8 Bo	bys HMS	5.50%	3	\$2,554.00

Kuebler, Kyle S	Volleyball-Head 7/8 Boys (50%)	HMS	6.00%	3	\$1,393.00
Rispress, Larry L	Track-Asst. 7/8 Girls (50%)	HMS	5.50%	4	\$1,330.00
Sayers, Kevin E	Lacrosse-Head 7/8 Boys	HMS	6.00%	3	\$2,786.00
Seagraves, Phillip M	Track-Asst. 7/8 Boys	HMS	5.50%	3	\$2,554.00
Vega, Brittany D	Track-Asst. 7/8 Girls	HMS	5.50%	4	\$2,660.00
Baratie, Erik L	Baseball-Head 7	MMS	6.00%	4	\$2,901.00
Bird, Corey J	Lacrosse-Asst 7/8 Boys	MMS	5.00%	2	\$2,229.00
Shaffer, Bradley L	Lacrosse-Head 7/8 Girls	MMS	6.00%	3	\$2,786.00
Tracy, Gregory A	Lacrosse-Head 7/8 Boys	MMS	6.00%	4	\$2,901.00
Kausel, Matthew A	Lacrosse-Head 7/8 Boys	WMS	6.00%	3	\$2,786.00
Lantz, Craig S	Volleyball-Head 7/8 Boys	WMS	6.00%	3	\$2,786.00
Lipp, Karen J	Track-Head 7/8 Girls	WMS	6.00%	16	\$4,017.00
Stroh, David A	Track-Asst. 7/8 Girls	WMS	5.50%	17	\$3,682.00
Bober, Michael C	Lacrosse-Asst Varsity Boys (50%)	HDB	6.50%	7	\$1,775.50
Cowper, Mark G	Lacrosse-Asst Varsity Boys (50%)	HDB	6.50%	3	\$1,509.00
Holdren, Connor M	Baseball-Head Freshman	HDB	7.00%	4	\$3,385.00
Jackson, Joseph H	Track-Asst. Varsity Boys	HDB	7.00%	6	\$3,671.00
Kelso, Jarrod L	Volleyball-Asst Varsity Boys	HDB	7.00%	2	\$3,120.00
Orsini, Kisha L	Softball-Asst. Varsity	HDB	7.00%	15	\$4,686.00
Rispress, Jordan L	Track-Asst. Varsity Girls	HDB	7.00%	5	\$3,525.00
Schmeling, Robert A	Lacrosse-Head Varsity Boys	HDB	10.00%	16	\$6,694.00
Swain, Kelsey E	Softball-Asst. Varsity	HDB	7.00%	3	\$3,250.00
Walton, Alexis M	Lacrosse-Asst. Varsity Girls	HDB	6.50%	2	\$2,898.00
Wolf, Lawrence A	Baseball-Asst. Varsity	HDB	7.00%	19	\$4,686.00
Barton, Alex M	Lacrosse-Asst Varsity Boys	HBR	6.50%	2	\$2,898.00
Beavers, Carl E	Softball-Asst. Varsity	HBR	7.00%	7	\$3,824.00
Cullen, Jacob J	Baseball-Asst. Varsity (50%)	HBR	7.00%	10	\$2,160.00
Franklin, Zachary H	Volleyball-Head Varsity Boys	HBR	12.00%	11	\$7,713.00
Gentry, Clinton G	Volleyball-Asst Varsity Boys	HBR	7.00%	10	\$4,320.00
Gossard, Alexander I	Lacrosse-Head Varsity Boys	HBR	10.00%	2	\$4,458.00
Hillery, Nathan R	Baseball-Head Varsity	HBR	12.00%	4	\$5,802.00
Ickes, Marianne R	Lacrosse-Asst. Varsity Girls	HBR	6.50%	2	\$2,898.00
Jackson, Christopher M	Track-Asst. Varsity Girls	HBR	7.00%	20	\$4,686.00
Johnson, Courtney L	Lacrosse-Head Varsity Girls	HBR	10.00%	4	\$4,835.00
Pearson, James C	Basketball-Asst. Varsity Boys	HBR	8.00%	11	\$5,142.00
Rhodes, Mackenzi J	Softball-Asst. Varsity	HBR	7.00%	2	\$3,120.00
Stephens, Connor R	Lacrosse-Asst Varsity Boys	HBR	6.50%	2	\$2,898.00
Uxley, Alexander D	Baseball-Asst. Varsity	HBR	7.00%	3	\$3,250.00
Beasley, Adam J	Lacrosse-Head Varsity Boys	HDV	10.00%	8	\$5,689.00
Ferguson, Christine L	Tennis-Asst. Varsity Boys	HDV	6.50%	10	\$4,012.00
Gamble, Nathan	Wrestling-Asst. Varsity	HDV	8.00%	1	\$3,424.00
Hilfinger, Courtney E	Lacrosse-Asst. Varsity Girls	HDV	6.50%	2	\$2,898.00
Kincade, Jonathan D	Track-Asst. Varsity Boys	HDV	7.00%	2	\$3,120.00
Pike, Andrew K	Lacrosse-Asst Varsity Boys	HDV	6.50%	5	\$3,273.00
Roberts, Timothy A	Softball-Asst. Varsity	HDV	7.00%	2	\$3,120.00
Russell, Joshua M	Volleyball-Head Fr. Boys	HDV	7.00%	2	\$3,120.00
Smock, Chad B	Lacrosse-Head Varsity Girls	HDV	10.00%	7	\$5,462.00
Thompson, Sarah J	Lacrosse-Asst. Varsity Girls	HDV	6.50%	5	\$3,273.00
Thompson, Zachary S	Baseball-Asst. Varsity	HDV	7.00%	3	\$3,250.00
Zickafoose, Todd J	Volleyball-Asst Varsity Boys	HDV	7.00%	16	\$4,686.00

 g. Decline Employment – Contractual Activity Stipends – effective for the 2018/2019 school year: All are 100% level unless otherwise indicated.
 STAFE MEMBER
 RESPONSIBILITY AREA
 BLDG
 PERCT

STAFF MEMBER	RESPONSIBILITY AREA	BLDG	PERCT	AMOUNT
Sayers, Cynthia L	Step Up to Quality	HPS	100%	\$660.00

Capretta, Carol A	Maker Space Facilitator	DCR	100%	\$660.00
Woods, Erin B	Maker Space Facilitator	DCR	100%	\$660.00
Smith, Jamee A	School Improvement Teams	HZN	100%	\$385.00
Robinson, Janeen M	School Improvement Teams	WMS	100%	\$385.00
Allen, Rebecca J	Class of 2020	HDV	100%	\$660.00

h. Employment – Contractual Activity Stipends – effective for the 2018/2019 school year:
 All are 100% level unless otherwise indicated

All are 100% level unless otherw	ise indicated.			
STAFF MEMBER	RESPONSIBILITY AREA	BLDG	PERCT	AMOUNT
Racz, Catherine A	Step Up to Quality	HPS	100%	\$660.00
Capretta, Carol A	Composting	DCR	50%	\$330.00
Weaver, Barry E	Composting	DCR	50%	\$330.00
Capretta, Carol A	Maker Space Facilitator	DCR	50%	\$330.00
Woods, Erin B	Maker Space Facilitator	DCR	50%	\$330.00
Force, Stephanie E	School Improvement Teams	HZN	100%	\$385.00
Putrino, Kathryn S	Spelling Bee	HTE	50%	\$330.00
Hall, Kaitlyn C	School Improvement Teams	WMS	100%	\$385.00
Dietrich, Scott A	Engineering Club	HDB	100%	\$660.00
Zody, Stanley R	Fellowship of Christian Athletes	HDB	100%	\$660.00
Way, Dena N	Junior Class Advisor	HDB	100%	\$660.00
Allen, Rebecca J	Class of 2020	HDV	50%	\$330.00
Longauer, Emma A	Class of 2020	HDV	50%	\$330.00

- E2 Approve the following Classified Personnel actions:
 - a. Retirement:

1. Wood, William A, Bus Driver, TRN, effective January 31, 2019. Mr. Wood has been with Hilliard City Schools since August 2004.

 Resignation – effective end of the day as noted: Sheppard, Laura L, Intervention Assistant, RGW, effective December 21, 2018

c. Employments:

STAFF MEMBER	TITLE	BLDG	HRS	DAYS	STEP	RATE/HR	EFF DATE
Kavicky, Kelly R	Intervention Assistant	HPS	7	154	1	\$16.50	01/08/2019
Kidd, Nicholas P	Custodian	MMS	8	255	1	\$17.50	12/17/2018
Riddle, Ingrid E	Intervention Assistant	RGW	7	187	1	\$16.50	01/07/2019

- d. Employment Classified Substitutes effective 2018/2019 school year: Bus Driver: Marable, Frances R, effective 12/19/2018 Nichols, Tami N, effective 12/10/2018
- E3 Approve the following student trip requests:
 - a. Memorial Middle School Wrestling, Beaver Creek, OH January 25, 2019
 - b. Darby Symphonic, Cleveland, OH February 2, 2019

ROLL CALL: ABATE___, KECK___, LAMBERT ___, LONG ___, WHITING ____.

F. ACTION AGENDA

F1 Superintendent recommends, ______ moves and ______ seconds that the Board of Education adopt the following resolution:

Public Education Week

WHEREAS, traditional public school districts in Ohio serve more than 1.8 million students and employ more than 245,000 Ohioans full time; and

WHEREAS, all children in Ohio should have access to the highest-quality education possible; and

WHEREAS, Ohio citizens recognize the important role that an effective education plays in preparing all students to be successful adults; and

WHEREAS, quality education is critically important to the economic vitality of the Buckeye State; and

WHEREAS, public education not only helps to diversify our economy, but also enhances the vibrancy of our community; and WHEREAS, Ohio has many high-quality teaching professionals who are committed to educating our children; and

WHEREAS, public education is celebrated across the country by millions of students, parents, educators, schools and organizations to raise awareness of the need for effective public schools;

THEREFORE, we , the Hilliard City School District Board of Education, do hereby recognize January 20-26, 2019 as PUBLIC EDUCATION WEEK and call this observance to the attention of all Ohioans.

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.

F2 Superintendent recommends, ______ moves and ______ seconds that the Board of Education approve the addendum to the superintendent's contract addressing the use of personal and/or vacation days for external professional opportunities. The Board supports Dr. Marschhausen's appointment as *Superintendent in Residence* at The Ohio State University as an opportunity for partnership and collaboration between the University, the Hilliard City School District, and the greater education community.

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.

F3 Superintendent recommends, ______ moves and ______ seconds that the Board of Education approve the following financial institutions to act as public depositories for interim and active funds for the period expiring August 21, 2022, per Ohio Revised Code Chapter 135: First Financial Bank

ROLL CALL: ABATE____, KECK ____, LAMBERT ____, LONG ____, WHITING _____.

F4 Superintendent recommends, ______ moves and ______ seconds that the Board of Education adopt the following resolution:

BE IT RESOLVED by the Board of Education of the Hilliard City School District, Franklin County, Ohio, that to provide for current expenses and other expenditures of said Board of Education, during the fiscal year, ending June 30, 2019, the following sums be amended and the same are hereby set aside and appropriated for the several purposes for which expenditures are to be made and during said fiscal year as follows:

 018 – Public School Support
 \$ 552,600

 401 – Auxiliary Services
 \$838,000

 551 – Title III Limited Engl
 \$178,662

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.

F5 Superintendent recommends, _____ moves and _____ seconds that the Board of Education approve the "Agreement for School Resource Officers" contract with the City of Hilliard for use of police services to keep the peace, provide a safe school environment, and perform other safety functions within School District.

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.

Hilliard Darby High School Chloe Diana Beerman **Caleb Anthony Jones**

Hilliard Davidson High School **Trinity Louise Ervin** Mitchell James Gordon

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.

REPORTS / INFORMATION / EXHIBIT ITEM G.

- G1 Policies submitted for a first reading
 - a) DECA Administration of Federal Grant Funds
 - b) DGA Authorized Signatures
 - c) DJF Purchasing Payment Procedures
 - d) DJF-R Purchasing Payment Procedures
 - e) DJH Credit Purchasing Cards
 - f) DJH-R Credit Purchasing Cards
 - g) EBBA First Aid
 - h) EFF Food Sale Standards
 - i) EFG Wellness
 - j) JECBB Admission of Interdistrict Transfer Students
 - k) JECBD Intradistrict Open Enrollment
 - JFCF Hazing and Bullying
 - m) JHCA Physical Examinations of Students
 - n) JHH Notification about Sex Offenders
 - o) JP Positive Behavioral Interventions and Supports
- G2 Enrollment January 2, 2019
- G3 Committee Reports
 - a. HEF Mark Abate
- G4 Superintendent's Update
 - a. English Learners (EL)
 - b. Swenson Update
 - c. Residential Development Updates
 - d. Legislative / ODE Update
 - e. All Day Kindergarten Expansion
 - f. BeWell Events with in Partnership with Dublin City Schools.
 - g. Additional items as deemed important
- H. EXECUTIVE SESSION / ADJOURNMENT

Η1	moves and	seconds that the Board of Education meeting is hereby adjourned.
	Time:	

ROLL CALL: ABATE___, KECK ___, LAMBERT ___, LONG ___, WHITING ____.