**October 2014**

**Summary Sheet**


**María Teresa DePaoli**, Modern Languages, was one of only four, out of more than 400 nominated, awarded the Verizon Nueva Latina Estrella Award 2014. Dr. DePaoli was the recipient in the category of education.

Four Geography graduate students received awards at the Southwest/Great Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, NM in October. **William Wetherholt** placed first in the graduate student paper presentation; **Nickolas Patch** and **Thomas Larsen** tied for first in the graduate student poster competition; and **Megan McHaney** placed second in the undergraduate student poster competition.

**The Political Science Department** had their largest showing ever at the notable International Studies-Midwest Conference.


**John Blair (PI)**, Division of Biology - **The Konza Prairie LTER program** was awarded $6.76 million in funding from the National Science Foundation to continue and expand long-term ecological research at the Konza Prairie Biological Station.

**Brett Sandercock**, Division of Biology, had one of his research articles selected for a National Publication Award as the Outstanding Article by The Wildlife Society (2014). All four coauthors were affiliated with the Division of Biology at Kansas State University.

Division of Biology’s **Kathrin Schrick’s** publication recommended for Faculty of 1000.

**Uwe Thumm**, professor of physics, is one of Kansas State University's newest Commerce Bank Distinguished Graduate Faculty Award recipients.
October 2014

Arts & Humanities

English

Publications:


Presentations, Lectures, Conferences & Exhibitions:
Traci Brimhall, “Tuning Your Tension” Writing Workshop. Raleigh, NC. 11 October 2014.

8th Street Taproom Reading Series. Lawrence, KS. 19 October 2014.


Research:

Grants:

Awards: Elizabeth Hoyt (M.A. 2015) received an Arts and Sciences Graduate Student Research Travel Grant and a PAML A Graduate Student Scholarship for her presentation at PAMLA.

Other:

History

Publications:

M.J. Morgan, “Lost Kansas Communities,” Kansas Historic Preservation Association Conference, Sept 12, Emporia, KS.


Research:

Grants:

Awards:

Other:

Modern Languages

Publications:

Melinda A. Cro had an article, " Montaigne’s Italian Voyage: Alterity and Linguistic Appropriation in the Journal de Voyage," accepted to South Atlantic Review for their special issue, "Travel and Memoir" forthcoming next year.


Necia Chronister published an article titled "Narrating the Fault Lines: German Literature since the Fall of the Wall" as an online exclusive for the literary magazine World Literature Today.


Presentations, Lectures, Conferences & Exhibitions:
At the German Studies Association conference in Kansas City, four Modern Languages faculty members made presentations:


• Sara Luly presented a paper, "Observing Pain: Women, Physicians and the Case Studies of Animal Magnetism"

• Necia Chronister presented a paper, "Death in the New Economy: Reevaluating the Oberflächenästhetik in Judith Hermann’s Alice"

• Derek Hillard was on a roundtable, "Conclusions and Perspectives: The Body and Emotions, 1500–1990."

María Teresa DePaoli presented "Defying Culture: Women Screenwriters’ Struggle in the Mexican Film Industry, and the Dynamics of Fashion in the Workplace." Screenwriting Research Network 7th International Conference, Oct. 16-19, at the Film University Babelsberg-Konrad Wolf in Potsdam, Germany.


**Research:**

**Grants:**
Melinda Cro and Kathleen Antonioli, in collaboration with the French section, received a competitive “Tournees” grant from the French government to host a French film festival at K-State this Spring.

**Awards:**
Maria Teresa DePaoli was one of only four, out of more than 400 nominated, awarded the Verizon Nueva Latina Estrella Award 2014. Dr. DePaoli was the recipient in the category of education.

**Other:**
Angélique Courbou served as the Kansas Board of Regents Core Outcomes Group Chair for Spanish. On September 12, she met with representatives from twelve other institutions across the state of Kansas to discuss the core learning outcomes for Spanish III. They were charged to create 4-6 shared outcomes in order to facilitate transfer by the Transfer and Articulation Committee of the Board of Regents.

Melinda A. Cro served as representative for French at the Kansas Board of Regents Core Outcomes Group for French 2 on September 12, 2014. She will serve as chair of the Core Outcome Group for French next year.

Kumiko Nakamura organized and hosted the information table of Japanese language programs in the state of Kansas to promote Japanese language study at college level during the Greater Kansas City Japan Festival, held at Johnson County Community College on October 11, 2014. At the festival, she also supervised the public performance, by students of the Japanese Language Program, of the "kamishibai" (traditional Japanese paper story-telling theater).

Pablo Martínez has been confirmed as a Peer Review of Teaching Program (PRTP) fellow for the 2014-2015 academic year.
Dr. Martínez has also joined the Editorial Board of the journal, Studies in 20th & 21st Century Literature, produced by the Modern Languages Department.

School of Music, Theatre, and Dance

Publications:

Presentations, Lectures, Conferences & Exhibitions:
Jerry Jay Cranford Presented “The Life and Choreography of Bob Fosse” master class in Jazz II for the K-State Dance Department; did three director talkbacks on the research and process of directing Vanya and Sonia and Masha and Spike; and did a radio interview to discuss the research and history of Vanya and Sonia and Masha and Spike.

Laura Donnelly presented “Moving Strengths” workshops for the CAT Strengths Community. This was developed with Mike Finnegan. She gave a presentation titled “Site-specific Dance – Seen/Unseen” at the Beach Museum’s monthly Friends Meeting.

Julie Pentz attended the Kansas Leadership Center’s (KLC) EDGE Intensive October 15th – 17th Wichita, KS. The K-State Tap Dance Ensemble, that Pentz oversees, performed for Parents as Teachers, did a full length show at the Beach Museum, performed at the Walk for Fragile X in Overland Park, KS, and completed the month’s activities with a full length performance at Spooktacular at the Sunset Zoo.

Jennifer Vellenga directed a play reading of Chantal Bilodeau’s new play “Forward,” the second play in Bilodeau’s The Artic Cycle, at Akvavit Theatre company in Chicago. The play is set in Norway and the Scandinavian theatre company, Akvavit invited Vellenga and Bilodeau to collaborate with their company of artists to support the next phase of the project. Travel was a funded in part by a USRG.

Patricia Thompson attended the West Central National Association of Teachers of Singing Annual Conference with eight members of her studio. Four students advanced to semi-final competitions and two advanced to the finals. One student received “Honorable Mention,” and one student received First Place in her division at the competition.
Research:
Laura Donnelly mentored Courtney Hoover’s undergraduate Research Project applying movement fundamentals to learning ballet technique and Daniel Phillips undergraduate Research Project work on investigating the embodiment of physics theories through dance. Donnelly is doing further research on the combination of physics and dance through her ongoing work on *The Crystal Ballet* that will be presented at the National Dance Education Association Conference in Chicago. She is also continuing work on her “moving science” concepts and plans to present that work in “Beyond the Classroom” and “GROW” events for middle school students.

Grants:

Awards:
Jerry Jay Cranford Was selected as influential LGBT Faculty to be featured in the semi-annual LGBT Resource Center’s Alumni Newsletter.

Other:
Slawomir Dobrzanski served as a judge for the Nebraska Music Educators Association’s State Piano Auditions.

Jerry Jay Cranford Ran rehearsals for KSTO graduating senior showcase production of *The SantaLand Diaries*, serving as director; served as a fight consultant for K-State Theatre productions on *Monkey, Monkey Bottle of Beer* and *Sweeney Todd*; hosted a post mortem with the company of *Vanya and Sonia and Masha and Spike*; served as host for the Kennedy Center American College Theatre Festival respondent; and did actor coaching and advising direction for Minneapolis’ Maple Grove High’s *Cinderella*, Nikki Swoboda.
Social & Behavioral Sciences

Geography

Publications (*graduate students):

Presentations, Lectures, Conferences & Exhibitions (*graduate students):
DeCapo, M.* 2014. Comparative analysis of waste management at Kansas State University and the University of Ghana, Legon. Southwest/Great Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, New Mexico, October.


Larsen, T.B.* 2014. Spreading it faster than we can shovel it: Local perceptions of power and controversy in the management of the Ozark National Scenic Riverways. Southwest/Great
Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, New Mexico, October.


Research (*graduate students):

Grants (*graduate students):

Awards (*graduate students):
Other (*graduate students):
**William Wetherholt** placed first in the graduate student paper presentation competition at the Southwest/Great Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, New Mexico, October.

**Nickolas Patch** and **Thomas Larsen** tied for first in the graduate student poster competition at the Southwest/Great Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, New Mexico, October.

**Megan McHaney** placed second in the undergraduate student poster competition at the Southwest/Great Plains-Rocky Mountain Regional Meeting of the Association of American Geographers, Albuquerque, New Mexico, October.

Political Science

**Publications:**
**Flynn, Michael E** (with Colin Barry, K. Chad Clay, and Gregory Robinson) Accepted and Forthcoming. “Freedom of Foreign Movement, Economic Opportunities Abroad, and Protest in Non-Democratic Regimes.” *Journal of Peace Research*. JPR has been ranked as high as 10th among all political science journals, and is typically ranked in the top 30 journals in the discipline (Giles and Garrand 2007; Garrand et al 2009).

**Presentations, Lectures, Conferences & Exhibitions:**
Annual meeting of Peace Science Society at the University of Pennsylvania, Oct 9-11:

Assistant Professor of Political Science Carla Martinez Machain and Security Studies MA student Jared Oestman presented the co-authored paper “Does Counterterrorism Militarize Foreign Aid?”

Annual meeting of the International Studies-Midwest meeting in St. Louis, MO, November 7-9. **This is our largest showing at this notable conference in the department’s history:**

Sam Bell and Carla Martinez Machain, assistant professors, presented a paper entitled “The Effect of U.S. Troop Deployments on Host States’ Human Rights.”
Bell presented a second paper entitled “Deadly Triangles: The Implications of Regional Competition on Demands between Asymmetric States,” he chaired a professional development roundtable on publishing in political science, and he served as discussant on a panel entitled “The Justice Cascade.”

Martinez Machain and Political Science MA students Leo Rosenberg and Rachel James presented a paper entitled “The Choice between Domestic and External Diversion.”

Martinez Machain chaired a professional development panel on “Challenges that Women Face in the Profession”

Craig S. Stapley, assistant professor, presented a paper entitled “The Irony of Action: Terrorism and Small Arms”


Muhammad Nawaz, Security Studies PhD Student, presented a paper entitled “How Terrorism Ends: Impact of Group’s Lethality on its Survival”

Jared Oestman, Security Studies MA student, presented a paper entitled, “The Effect of Security Assistance on Terrorism”

Research:

Grants:

Awards:

Other:
Psychological Sciences

Publications:


Presentations, Lectures, Conferences & Exhibitions:

Research:

Grants:

Awards:

Other:
During the month of September, excerpts from interviews with Dr. Mark Barnett appeared in *Time* magazine, the *Huffington Post*, and the *Manhattan Mercury*.

Dr. Kimberly Kirkpatrick’s paper, Mechanisms of Impulsive Choice: I. Individual Differences in Interval Timing and Reward Processing (July 2014), was featured in *K-State Today*.

Sociology, Anthropology, and Social Work

Publications:

Presentations, Lectures, Conferences & Exhibitions:
Brad Logan and Lauren W. Ritterbush presented “An Archaeological Panorama in the Central Plains” at the 72nd Plains Anthropological Conference in Fayetteville, Arkansas, October 30. Logan chaired the session in which the paper was presented.

Brad Logan also attended the Midwest Archaeological Conference in Champaign, Illinois, October 2-4.


Research:

Grants:

Awards:

Other:
Natural & Quantitative Sciences

Biochemistry & Molecular Biophysics

**Publications:**


**Presentations, Lectures, Conferences & Exhibitions:**
Tim Durrett presented a seminar, "From Burning Bushes to Chocolate Vines: Using Sequence Diversity to Explore MBOAT Substrate Specificity and Increase Production of Low Viscosity Oil", at the Department of Biochemistry & Redox Biology Center Fall 2014 Seminar Series, University of Nebraska, Lincoln NE. on October 28, 2014.

Tim Durrett presented a seminar, "Elucidating the Regulation of Storage Lipid Synthesis in Developing Plant Seeds", at KUMC-Illumina NextGen Sequencing Research Symposium, Kansas City, KS, on October 29, 2014.

**Defenses:**
Research:
Karanbir S. Aulakh and Timothy P. Durrett presented a poster, "Elucidating the Regulation of Storage Lipid Synthesis in Developing Plant Seeds", at the KUMC-Illumina NextGen Sequencing Research Symposium, Kansas City, KS. October 29, 2014

Grants:

Awards:
Sara Duhachek Muggy (graduate, Zolkiewska) received the Sarachek Travel Award to attend a workshop entitled Translational Cancer Research for Basic Scientists in Boston, Massachusetts October 26-31. 2014.

Other:

Biology

Publications:


You are not always what we think you eat: selective assimilation across multiple whole-stream isotopic tracer studies. Ecology. 95:2757–2767


This synthesis is part of a Special Feature on Grass-Woodland Transitions in the November 2014 issue of Journal of Ecology, which grew out of an NSF-supported international workshop (attended by Blair and Ratajczak).


Brett Sandercock: Highlights: One of my research articles was selected for a National Publication Award as the Outstanding Article by The Wildlife Society (2014). All four coauthors were affiliated with the Division of Biology at Kansas State University. The award was profiled in K-State Today and The Collegian (October 28) http://www.k-state.edu/media/newsreleases/oct14/wildlifesocietyaward102714.html

Presentations, Lectures, Conferences & Exhibitions:

**Walter Dodds** - Humanity’s Footprint. NRES Seminar Series. Kansas State University

**Sandercock, B.K.** Effects of wind energy and rangeland management on grassland birds in Kansas. *Departmental Seminar, Department of Biology, Truman State University.* October 24, 2014.


**Jeroen Roelofs** was the invited regional speaker at Midwest Regional SUMO Symposium at KU Lawrence on October 13, 2014, title talk: “Quality control of proteasome assembly by an inhibitor of the proteasome”.


**Rollie Clem** presented a lecture on October 1, 2014 in the Department of Microbiology at Miami University of Ohio, titled “Factors affecting arbovirus infection of mosquitoes”.

Ashley Rhodes - KSU Libraries e-text workshop – invited speaker - “Using a constructivist approach to design effective e-texts for physiology courses”.


Lydia Zeglin - Invited Departmental Seminar at K-State Department of Geology. Title: Microbial colonization and activity on recent tephra deposits, Kasatochi Volcano, Alaska.

The Kansas State University Ecological Genomics Institute hosted its 12th annual symposium October 31 – November 2, 2014 in Kansas City.

Research:
Ari Jumpponen Laboratory completed an undergraduate research project to explore the use of phyllosphere as an ecological model. This project was supported by funds from KSU Undergraduate Research Awards and Kansas Agricultural Experimental Station. The undergraduate student (Shelli Partridge) is preparing a manuscript and presented her results at Ecological Genomics Symposium in Kansas City.

Ari Jumpponen - M.Sc. student Alena Oliver is in the final stages of completing her thesis in recurring prescribed fire effects on fungal communities. First of the three manuscripts is under revision for Fungal Ecology, second is in its final stages to be submitted to Forest Ecosystems and Management.

Grants:

Walter Dodds - 2014-202 LTER: Long-Term Research on Grassland Dynamics- Assessing Mechanisms of Sensitivity and Resilience to Global Change National Science Foundation, $6,700,000 (co-PI).

John Blair - The Konza Prairie LTER program was awarded $6.76 million in funding from the National Science Foundation to continue and expand long-term ecological research at the Konza Prairie Biological Station. Konza Prairie was one of the first six LTER sites funded by NSF in 1980, and this is the seventh successful renewal of that program, making this one of the longest running ecological research programs in the country. The renewal covers the period 2014-2020, and increases total NSF LTER funding for the Konza program to $29.25 million. LTER renewals are not automatic, and are based on an extensive proposal and rigorous review process. In the current round of reviews one LTER site was terminated (bringing the total number of defunded sites to five), and another site was given only limited funding for a probationary period. Important factors in our success include the unique research infrastructure provided by the Konza Prairie Biological Station, the strong institutional support provided by K-State, and the dedication of a collaborative and creative group of investigators.

Kristin Michel - USDA-ARS SCA 58-5430-4-022 (PI: Michel) “The impact of insect immunity on vector competence in changing environments”; the overall aim of this Cooperative agreement is to assess the impact of environmental variables on anti-pathogen immunity in mosquitoes and biting midges. 2014-2019 ($ 247,328).

Awards:
Brett Sandercock - National publication award from The Wildlife Society, see highlight at top.

Anthony Joern - Visiting Senior Research Scientist/Scholar, Colorado State University.

Zhilong Yang - Johnson Cancer Center Innovative Research Award, $25,000.

Ashley Rhodes - Motor Board Senior Honorary - Outstanding KSU Faculty Award.

Other:
Ruth Welti (Biology) and Tim Durrett (Biochemistry and Molecular Biophysics) hosted a visit from Professor Sten Stymne of the Swedish University of Agricultural Sciences from October 16-19, 2014.

Kathrin Schrick, assistant professor in the Division of Biology, is the lead investigator on a publication that has been recommended by the Faculty of 1000 for special significance in its field. The Faculty of 1000 is an international group of biomedical scientists that designate new research articles for potential high impact. http://www.k-state.edu/today/announcement.php?id=16652.
The publication, "Shared functions of plant and mammalian StAR-related lipid transfer (START) domains in modulating transcription factor activity," was originally published in the August issue of BMC Biology.

**Peter Wong** - I am teaching Biology 455 (General Microbiology) with an enrollment of 278 students. The course has six lab sections. I also co-teach a section of Biology 198, Principles of Biology, with an enrollment of 72 students. I met and helped ten of my advisees to enroll for next semester.

**Ari Jumpponen** - The Undergraduate Research Mentoring (URM) program that I coordinate supported a total of 11 undergraduate students (Breanna Canning, Sarah Cossey, Obdulia Covarrubias, Matthew Galliart, Katherine Johnson, Shelli Partridge, Ella Popova, Matthew Ramos, Mercedes Santiago, Jasmine Sharp, Halle Sparks) to the 12th Annual Ecological Genomics Symposium, Kansas City, Missouri. October 31 – November 2, 2014. Each of these students presented a poster at the meeting.

On October 31, 2014, **Rollie Clem** hosted a group of visiting high school students from Shawnee Mission West High School in Overland Park, KS. The students listened to a presentation about the importance of cell death in health and disease, and toured the laboratory of Dr. Clem.

**W.A. Boyle** - Nothing spectacular this month—just did my job: reviewed (3) and served as editor (2) for other people’s manuscript, resubmitted 1 and submitted 1 new manuscript of my own, advised students, participated in journal clubs and seminars, attended a regional conference where my grad student won an award.

**Kristin Michel** - Selection of cover photo for the 2015 editions of the journal Insect Molecular Biology.

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**Physics**

**Publications:**
Backpack Weight and the Scaling of the Human Frame, **M O'Shea**, Phys. Teach. 52, 479 (2014); http://dx.doi.org/10.1119/1.4897584.

Adiabatic hyperspherical representation for the three-body problem in two dimensions D'Incao, J.P. (JILA, Univ. of Colorado & NIST, Boulder, CO, United States); Esry, B.D. Source: Physical Review A (Atomic, Molecular, and Optical Physics), v 90, n 4, p 042707 (13 pp.), Oct. 2014.

Rydberg states in the strong field ionization of hydrogen by 800, 1200 and 1600 nm lasers, Li, Qianguang, Tong, Xiao-Min; Morishita, Toru; Jin, Cheng; Wei, Hui; Lin, C.D. Journal of Physics B: Atomic, Molecular and Optical Physics, v 47, n 20, October 28, 2014.


Presentations, Lectures, Conferences & Exhibitions:
Itzik Ben-Itzhak submitted an abstract to and attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014
“Structure and Dynamics of Atoms, Ions, Molecules, and Surfaces: Molecular Dynamics with Ion and Laser Beams.”


Kristan Corwin attended the Optical Society of America Annual Meeting & American Physics Society Division of Laser Sciences in Tucson, AZ, October 20-23, 2014
Attended Executive Committee Meeting, judged the thesis prize competition, and presided over a session of the Undergraduate Research Symposium.

Brett Esry submitted an abstract to and attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014
“Strong-field dynamics of few-body atomic and molecular systems.”

Vinod Kumarappan attended and gave an invited talk at the 13th International Symposium on Ultrafast Intense Laser Science in Jodhpur, India, October 5-10, 2014
“Molecular frame measurements with asymmetric top molecules. Also, submitted an abstract to and attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014 “Ultrafast Processes in Aligned Molecules.”

Anh-Thu Le attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014.

C.D. Lin submitted an abstract to and attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014 “Strong Field Rescattering Physics and Attosecond Physics.”


Artem Rudenko attended and presented a talk at the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014 “Electronic Rearrangement and Nuclear Dynamics After Inner-Shell Photoionization.”

Eleanor Sayre presented a Physics Colloquium at Creighton University Physics Department in Creighton, NE, October 30, 2014 “Math dialects and becoming a physicist.”
Uwe Thumm attended and presented a talk at the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014.

“Imaging and Controlling the Nuclear and Electronic Motion in Atoms, Molecules and Nanostructures with Ultrashort XUV and IR Pulses: from Femto to Attosecond Timescales and Back.”

Submitted the following abstract at the meeting as well: “Structure and Dynamics of Atoms, Ions, Molecules and Surfaces.”

Carlos Trallero submitted an abstract to and attended the 2014 Atomic, Molecular & Optical Sciences Research Meeting in Potomac, MD, October 26-29, 2014 “Strong-Field-Time-Dependent Spectroscopy.”

Christopher M. Sorensen presented a Physics colloquium at UT-Dallas in Dallas, TX, September 24, 2014 “Of Soot and Sunflowers.”

Attended and presented the following talks at the American Physical Society Fall 2014 Joint Meeting of the Texas Section of the APS, Texas Section of the AAPT, and Zone 13 of the Society of Physics Students in College Station, TX, October 17-19, 2014.

Presented an invited plenary session: “Incorporation of Studio Exercises for Physics Instruction at all Levels.”

Presented a talk: Divine Proportion Shape Invariance of DLCA Fractal Aggregates: An Analytical Theory.

Christopher M. Sorensen attended and presented a paper at the American Association for Aerosol Research 33rd Annual Conference in Orlando, FL, October 20-24, 2014 “Divine Proportion Shape Invariance of DLCA Fractal Aggregates: An Analytical Theory.”

Research:

Grants:

Awards:

Other:
Statistics

Publications:


Presentations, Lectures, Conferences & Exhibitions:

Gary Gadbury, Hsu, Johnson, Boyer, Milliken: Attendance as ASA Chapter Meeting in Kansas City along with 15 students. October 23rd.


**Gadbury**: Individual Effects and Subject-Treatment Interaction. Invited Talk at KU Medical Center, October 24, 2014.

**Research:**

**Grants:**
Active grants (ongoing).


Nora Bello: United States Department of Agriculture (USDA), Agriculture and Food Research Initiative (AFRI) - Foundational Program A1201 $677,108. Grant proposal: "Statistical Methods And Bioinformatics Tools For Multiple Trait Whole Genome Precision Selection For Heterogeneous Environments". Principal Investigator: Robert Tempelman, Michigan State University. Role: co-PI. Timeline: 2011-2016. Award #2010-04538


Awards:

Other:

Haiyan Wang: Associate Editor for Journal of Nonparametric Statistics.

Nora Bello: Associate Editor for the Journal of Biological, Agricultural, and Environmental Statistics.


Bello, Reviewer for USDA-AFRI grant review panel on animal breeding and genetics.