COLLEGE	OF	NATURAL	SCIENCE	and	MATHEMATICS	
Minutes	of	Council	of	Chairs	Meeting		-	January	9,	2017	
	
A	meeting	of	the	Council	of	Chairs	of	the	College	of	Natural	Sciences	and	Mathematics	was	held	on	
Monday,	January	9,	2017.	Stephen	Addison	presided,	members	present:	Ginny	Adams,	Jeff	Allender,	Emre	
Celebi,	Pat	Desrochers,	Carl	Frederickson,	Ramesh	Garimella,	Uma	Garimella,	and	Brent	Hill.		
Guest:		Aimee	Poynter	-	CNSM	Development	Officer.	
	
Agenda	Items:	
• Minutes	from	November	21,	2016	approved	with	minor	adjustments.	
• Aimee	Poynter	updated	council	on	recent	development	projects:	
o Mary	Anna	Dalske	added	$10,000	towards	the	Fred	Dalske	Endowment.		
o The	Wilbur	Owen	Leadership	Endowment	($25,000)	has	been	established	with	$5000	
pledged	to	start	being	awarded.	There	will	be	a	reception	on	April	12th	from	2-

Other	Items
:
	
• Ginny	Adams	reported	that	the	Steel	Creek	MOU	has	been	signed	and	that	there	is	a	lot	of
	
flexibility	on	the	use	of	the	space.	This	is	a	partnership	with	North	Arkansas	Community	College
.
	
• Dean	Addison	announced	that	we	are	trying	to	establish	a	Cyber	Security	Range	at	UCA	that	is	
designed	to	meet	the	governor’s	K
-12	Computer	Science	initiative.
	
• Ginny	Adams	announced	that	300	girls	are	registered	to	attend	Girls	of	Power	on	April	28,	2017	
and	that	there	are	over	200	girls	on	the	waitlist.		She	is	in	need	of	breakout	session	speakers	if	you	
know	of	any	women	who	would	be	willing	to	serve	in	this	capacity.	
	
	
Chair	Reports:
	
Biology
	
Dr.	Hill	reported:
	
• Gifford,	M.E.,	C.D.	Robinson,	&	T.A.	Clay.	2017.	The	influence	of	invasive	fire	ants	on	survival,	space	
use,	and	patterns	of	natural	selection	in	juvenile	lizards.
	Biological	Invasions
	
• Gifford,	M.E.,	C.D.	Robinson,	&	T.A.	Clay.	2017.	The	influence	of	incubation	conditions	and	sex	on	
growth	and	dispersal	in	hatchling	lizards.
	Ethology
	
• T.A.	Clay,	&
	M.E.	Gifford.	2017.	Population	level	differences	in	thermal	sensitivity	of	energy	
assimilation.
	Journal	of	Thermal	Biology
	
• Deckard,	C.,	A.	Walker,	and	B.J.F.	Hill.	2017.	Using	three
-point	bending	to	evaluate	tibia	bone	
strength	in	ovariectomized	young	mice.
	Journal	of	Biological	Physics.
	

Chemistry
	
Dr.	Pat	Desrochers	reported:
	
• Bill	Taylor	and	Pat	Desrochers	attended	AR	EPSCoR	retreat,	January	5
-6,	2017	at	Winrock	
International	on	Petit	Jean
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southwest Texas. Shumla is a non-profit organization – https:/ /shumla.org. Karen expressed an

interest in having UCA down to work with her on internships.

Comput er Science

Dr. Emre Celebi reported:

• Computer Science held two Hour of Code sessions.

• Emre Celebi, Sinan Kockara, Victor Sheng, and Mahmut Karakaya jointly submitted a grant

proposal to the NSF.

• Emre Celebi served as the area co-chair in the 12th International Conference on Computer Vision

Theory and Applications (VISAPP 2017).

• Emre Celebi’s paper has been accepted for publication in Computer Methods in Biomechanics and

Biomedical Engineering: Imaging and Visualization.

• Sinan Kockara, Tansel Halic, and Mahmut Karakaya attended the INBRE Grant Writing Workshop

at UALR.

Geography

Dr. Jeff Allender reported:

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• Thomas Jacob Cameron, Debra L. Burris, “Determining Black Hole Mass of AGN using FWHM of H

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beta Emission Line and Luminosity Relations,” in the AGN, QSO, Blazars Poster Session at t he 229th

AAS Meeting, Grapevine, TX, January 3

-7, 2017.

STEM Institute

Dr. Uma Garimella reported:

• Grants

o

Awarded 3 grant proposal s (2 for STEM Leadership for Girls) and one Commit ment to

excellence grant

-

$4,750; $19,095 and $6,600

• Trainings

o

Hosted Hour of Code: UCA and community wide invitation to participate in the Hour of

Code hosted by the STEM Institute and assisted by the Math and Computer Science

department s. Dr. Celebi led a one

-hour session on coding in C+, Dr. Lenin wa s prepared t o

do an R tutorial but we had no participants, and Ms. Karen Thessing helped facilitate the

whole day. We had 6 participants (4 students and 2 community members). In addition, Mr.

and Mrs. Ray Simon

dropped by to discuss with Cara how they can partner STEM Institute

to support their scholarships for girls in math at Simon Intermediate. Follow up discussions

are expected. Mary Dunlap and Anita Anderson from AR Coding Aca demy helped

o

Comput er Science Training:

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Training of Trainers on UCA campus

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April 19

-21, 2017

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Central Arkansas at Arch Ford COOP

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June 8&9, 2017

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Grasping Phenomenal Science follow

-up

–

Jan 10 & 11

–

90 teachers are registered

o

Little Rock high school science teachers su pport

–

Jan 27

• Conference Presentations: Attended 2 conferences

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Cara Cates

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atten ded Vernier data collection training

o

Mathematics in a Professional Learning Community at Work Summit in Orla n do, FL. 12/4

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