

Journal ID	Transaction Detail	Doc Detail	Amount	DeptID	Account Code	Account Desc	Per Attachment B	Jrnl Date
HRP2538748	P/R 2016-02-26	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	02/25/2016
HRP2546515	P/R 2016-03-11	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	03/10/2016
HRP2554589	P/R 2016-03-26	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	03/24/2016
HRP2562474	P/R 2016-04-08	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	04/07/2016
HRP2570304	P/R 2016-04-22	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	04/21/2016
HRP2577716	P/R 2016-05-06	HR Payroll Journals	\$416.09	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	05/05/2016
HRP2581351	P/R 2016-05-12	HR Payroll Journals	(\$416.09)	60770000	652110	GRADUATE ASSISTANTS-EARNINGS	Temporary labor: wages	05/12/2016
FBP2540165	JE# UFLOR - FBP2540165	UF Fringe Benefit Pool	\$61.99	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	02/25/2016
FBP2547930	JE# UFLOR - FBP2547930	UF Fringe Benefit Pool	\$61.98	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	03/10/2016
FBP2555993	JE# UFLOR - FBP2555993	UF Fringe Benefit Pool	\$61.99	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	03/24/2016
FBP2563892	JE# UFLOR - FBP2563892	UF Fringe Benefit Pool	\$61.98	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	04/07/2016
FBP2571722	JE# UFLOR - FBP2571722	UF Fringe Benefit Pool	\$61.99	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	04/21/2016
FBP2579579	JE# UFLOR - FBP2579579	UF Fringe Benefit Pool	\$61.98	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	05/05/2016
FBP2582087	JE# UFLOR - FBP2582087	UF Fringe Benefit Pool	(\$61.99)	60770000	652120	GRAD ASSTS-EARNINGS FRNG POOL	Temporary labor: fringe benefits	05/12/2016
APACC13048	PCard# UFLOR - TXN03310620	TFS FISHERSCI ECOM CAT - supplies for bleeding collecti	\$768.44	60770000	731100	LAB SUPPLIES	Sample Analysis	01/14/2016
0002536546	JE# UFLOR - 0002536546	UD IFAS Marianna Inv. 16857 Da	\$364.00	60770000	718000	HEALTH ASSESSMENTS	Sample Analysis	02/24/2016
APACC41606	PCard# UFLOR - TXN03338049	TFS FISHERSCI ECOM CAT - blood collection needles for t	\$165.24	60770000	731100	LAB SUPPLIES	Sample Analysis	03/01/2016
0002542596	JE# UFLOR - 0002542596	EZE - Voucher P0402557 Correct	\$2,836.00	60770000	731100	LAB SUPPLIES	Sample Analysis	03/04/2016
APACC45055	PCard# UFLOR - TXN03370480	VEETOQUINOL USA INC - set up donor cows for embryo s	\$2,205.75	60770000	731210	ANIMAL BEDDING AND SUPPLIES	Sample Analysis	03/09/2016
APACC50270	PCard# UFLOR - TXN03371800	BAR DIAMOND INC - cannulas for the lab	\$1,003.00	60770000	731100	LAB SUPPLIES	Sample Analysis	03/16/2016
APACC50270	PCard# UFLOR - TXN03379140	TFS FISHERSCI ECOM CAT - syringes for the lab	\$191.36	60770000	731100	LAB SUPPLIES	Sample Analysis	03/16/2016
APACC50270	PCard# UFLOR - TXN03377885	HENRY SCHEIN - chemiluminescent substrate for	\$569.25	60770000	731100	LAB SUPPLIES	Sample Analysis	03/16/2016
APACC50270	PCard# UFLOR - TXN03375061	TFS FISHERSCI ECOM CAT - supplies for blood collection	\$916.67	60770000	731100	LAB SUPPLIES	Sample Analysis	03/16/2016
APACC53224	PCard# UFLOR - TXN03372742	ACCUTEK LABORTORIES PIPET - tips, racks for the lab	\$150.00	60770000	731100	LAB SUPPLIES	Sample Analysis	03/21/2016
APACC61108	PCard# UFLOR - TXN03390201	TFS FISHERSCI ECOM CAT - caps for polypropylene tubes	\$258.50	60770000	731100	LAB SUPPLIES	Sample Analysis	04/01/2016
APACC61108	PCard# UFLOR - TXN03379951	TFS FISHERSCI ECOM CAT - blood collection needles	\$233.44	60770000	731100	LAB SUPPLIES	Sample Analysis	04/01/2016
APACC68927	PCard# UFLOR - TXN03411648	HENRY SCHEIN - PRG kits for the lab	\$315.25	60770000	731100	LAB SUPPLIES	Sample Analysis	04/19/2016
APACC68927	PCard# UFLOR - TXN03417685	DAIRY ONE COOPERATIVE - whole soybean analysis	\$40.00	60770000	731100	LAB SUPPLIES	Sample Analysis	04/19/2016
APACC73081	PCard# UFLOR - TXN03420849	TFS FISHERSCI ECOM CAT - tubes and dpbs for lab analyse	\$35.03	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03416984	ACCUTEK LABORTORIES PIPET - sterile tips for the lab	\$49.22	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03418880	TFS FISHERSCI ECOM CAT - 15mL and 2mL tubes for the lab	\$107.90	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03420383	TFS FISHERSCI ECOM CAT - tri reagent for lab analyses	\$167.70	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03415745	TFS FISHERSCI ECOM CAT - backordered caps for lab analy	\$51.70	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03415579	TFS FISHERSCI ECOM CAT - backordered supplies for the l	\$109.84	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03412972	TFS FISHERSCI ECOM CAT - nipro blood collection needles	\$131.31	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73081	PCard# UFLOR - TXN03419605	CAYMAN CHEMICAL CO. INC - uric acid kit for the lab	\$370.00	60770000	731100	LAB SUPPLIES	Sample Analysis	04/25/2016
APACC73863	PCard# UFLOR - TXN03423914	ARBOR ASSAYS - urinary creatinine detection k	\$265.00	60770000	731100	LAB SUPPLIES	Sample Analysis	04/27/2016
APACC76346	PCard# UFLOR - TXN03428618	TFS FISHER SCI ATL - dpbs for the lab	\$36.13	60770000	731100	LAB SUPPLIES	Sample Analysis	05/01/2016
APACC76346	PCard# UFLOR - TXN03428619	TFS FISHER SCI ATL - Trizol for the bst experiment	\$473.53	60770000	731100	LAB SUPPLIES	Sample Analysis	05/01/2016
APACC90718	PCard# UFLOR - TXN03430741	HENRY SCHEIN - progesterone kits for the lab	\$315.25	60770000	731100	LAB SUPPLIES	Sample Analysis	05/13/2016
APACC90720	PCard# UFLOR - TXN03446982	THE UPS STORE - shipment of samples to Blacks b	\$290.95	60770000	794100	FREIGHT	Sample Analysis	05/17/2016
APACC90720	PCard# UFLOR - TXN03447264	Stockmens Supply - products for bST study	\$758.94	60770000	731100	LAB SUPPLIES	Sample Analysis	05/17/2016
APACC91146	VCHR# UFLOR - P0493227	Eli Lilly & Co - Tax Freight	\$110.70	60770000	731100	LAB SUPPLIES	Sample Analysis	05/27/2016
APACC91146	VCHR# UFLOR - P0493227	Eli Lilly & Co - bST to Experiment 200 at 8 fo	\$1,410.00	60770000	731100	LAB SUPPLIES	Sample Analysis	05/27/2016
APACC39150	VCHR# UFLOR - P0547509	Henry Schein Inc - confirming order only Immulite	\$2,513.69	60770000	731100	LAB SUPPLIES	Sample Analysis	08/23/2016
APACC13048	PCard# UFLOR - TXN03313764	ABS GLOBAL INC - semen for Estrus Synch study f	\$845.65	60770000	731100	LAB SUPPLIES	Materials/supplies/service	01/14/2016
APACC48839	PCard# UFLOR - TXN03376637	ABS GLOBAL INC - Semen to AI Cows	\$886.17	60770000	731210	ANIMAL BEDDING AND SUPPLIES	Materials/supplies/service	03/14/2016
APACC73081	PCard# UFLOR - TXN03419629	ABS GLOBAL INC - semen to AI Cattle	\$2,074.79	60770000	731210	ANIMAL BEDDING AND SUPPLIES	Materials/supplies/service	04/25/2016
APACC73081	PCard# UFLOR - TXN03419575	FEDEX 564237688403 - 800-4633339shipped package fro	\$27.35	60770000	794100	FREIGHT	Materials/supplies/service	04/25/2016
APACC76346	PCard# UFLOR - TXN03430349	THE UPS STORE - shipped package to Blacksburg,	\$295.26	60770000	794100	FREIGHT	Materials/supplies/service	05/01/2016
APACC81940	PCard# UFLOR - TXN03439774	THE UPS STORE - shipped package for bst study	\$56.10	60770000	794100	FREIGHT	Materials/supplies/service	05/09/2016

APACC90720	PCard# UFLOR - TXN03444202	UPS 000012V7Y8 - shipped packages	\$26.76	60770000	794100	FREIGHT	Materials/supplies/service	05/17/2016
APACC90726	PCard# UFLOR - TXN03449545	UPS 000012V7Y8 - shipped package to south dakot	\$134.22	60770000	794100	FREIGHT	Materials/supplies/service	05/23/2016
APACC90726	PCard# UFLOR - TXN03452695	THE UPS STORE - sent package to South Dakota	\$299.45	60770000	794100	FREIGHT	Materials/supplies/service	05/23/2016
APACC90726	VCHR# UFLOR - P0488245	Kristina Porter - Semen for AI service of cattle	\$3,600.00	60770000	717000	LABORATORY SERVICES	Materials/supplies/service	05/23/2016
APACC90728	PCard# UFLOR - TXN03452113	THE UPS STORE - shipped packages	\$75.85	60770000	794100	FREIGHT	Materials/supplies/service	05/25/2016
APACC91146	VCHR# UFLOR - P0490234	Kristina Porter - Semen for AI service of cattle	\$3,600.00	60770000	717000	LABORATORY SERVICES	Materials/supplies/service	05/27/2016
APACC29561	VCHR# UFLOR - P0535756	Kristina Porter - Estrus synchronization of heif	\$3,600.00	60770000	717000	LABORATORY SERVICES	Materials/supplies/service	08/03/2016

\$35,125.76



Transaction Detail
The effects of BST administrat
For Month Ending: January 31, 2016

Run Date: 02/04/2016

Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Other Operating Expenses: MATERIAL								
731100 LAB SUPPLIES								
01/14/2016	-	-	-	PCard# UFLOR - TXN03310620	VCHR# UFLOR - 04855601	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - supplies for bleeding collecti	768.44
01/14/2016	-	-	-	PCard# UFLOR - TXN03313764	VCHR# UFLOR - 04855780	EMP# 47487326 - Lamb, Graham Cliff	ABS GLOBAL INC - semen for Estrus Synch study f	845.65
Subtotal 731100 - LAB SUPPLIES								\$1,614.09
Subtotal Other Operating Expenses								\$1,614.09
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$1,614.09



Transaction Detail
The effects of BST administrat
For Month Ending: February 29, 2016

Run Date: 03/04/2016

Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Personnel Expenses: OPS								
652110 GRADUATE ASSISTANTS-EARNINGS								
02/25/2016	-	-	-	P/R 2016-02-26	-	-	HR Payroll Journals	416.09
Subtotal 652110 - GRADUATE ASSISTANTS-EARNINGS								\$416.09
652120 GRAD ASSTS-EARNINGS FRNG POOL								
02/25/2016	-	-	-	JE# UFLOR - FBP2540165	-	-	UF Fringe Benefit Pool	61.99
Subtotal 652120 - GRAD ASSTS-EARNINGS FRNG POOL								\$61.99
Subtotal Personnel Expenses								\$478.08
Other Operating Expenses: Contractual Expenses								
718000 HEALTH ASSESSMENTS								
02/24/2016	-	-	-	JE# UFLOR - 0002536546	-	-	UD IFAS Marianna Inv. 16857 Da	364.00
Subtotal 718000 - HEALTH ASSESSMENTS								\$364.00
Subtotal Other Operating Expenses								\$364.00
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$842.08



Transaction Detail
The effects of BST administrat
For Month Ending: March 31, 2016

Run Date: 04/07/2016

Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Personnel Expenses: OPS								
652110 GRADUATE ASSISTANTS-EARNINGS								
03/10/2016	-	-	-	P/R 2016-03-11	-	-	HR Payroll Journals	416.09
03/24/2016	-	-	-	P/R 2016-03-26	-	-	HR Payroll Journals	416.09
Subtotal 652110 - GRADUATE ASSISTANTS-EARNINGS								\$832.18
652120 GRAD ASSTS-EARNINGS FRNG POOL								
03/10/2016	-	-	-	JE# UFLOR - FBP2547930	-	-	UF Fringe Benefit Pool	61.98
03/24/2016	-	-	-	JE# UFLOR - FBP2555993	-	-	UF Fringe Benefit Pool	61.99
Subtotal 652120 - GRAD ASSTS-EARNINGS FRNG POOL								\$123.97
Subtotal Personnel Expenses								\$956.15
Other Operating Expenses: MATERIAL								
731100 LAB SUPPLIES								
03/01/2016	-	-	-	PCard# UFLOR - TXN03338049	VCHR# UFLOR - 04887999	EMP# 06656944 - Schulmeister,Tessa M	TFS FISHERSCI ECOM CAT - blood collection needles for t	165.24
03/04/2016	-	-	005223	JE# UFLOR - 0002542596	-	-	E2E - Voucher P0402557 Correct	2,836.00
03/16/2016	-	-	-	PCard# UFLOR - TXN03371800	VCHR# UFLOR - 04901186	EMP# 06656944 - Schulmeister,Tessa M	BAR DIAMOND INC - cannulas for the lab	1,003.00
03/16/2016	-	-	-	PCard# UFLOR - TXN03375061	VCHR# UFLOR - 04901286	EMP# 06656944 - Schulmeister,Tessa M	TFS FISHERSCI ECOM CAT - supplies for blood collection	916.67
03/16/2016	-	-	-	PCard# UFLOR - TXN03377885	VCHR# UFLOR - 04901547	EMP# 06656944 - Schulmeister,Tessa M	HENRY SCHEIN - chemiluminescent substrate for	569.25
03/16/2016	-	-	-	PCard# UFLOR - TXN03379140	VCHR# UFLOR - 04901547	EMP# 06656944 - Schulmeister,Tessa M	TFS FISHERSCI ECOM CAT - syringes for the lab	191.36
03/21/2016	-	-	-	PCard# UFLOR - TXN03372742	VCHR# UFLOR - 04904589	EMP# 06656944 - Schulmeister,Tessa M	ACCUTEK LABORTORIES PIPET - tips, racks for the lab	150.00
Subtotal 731100 - LAB SUPPLIES								\$5,831.52
731210 ANIMAL BEDDING AND SUPPLIES								
03/09/2016	-	-	-	PCard# UFLOR - TXN03370480	VCHR# UFLOR - 04896325	EMP# 11919990 - Thomas,David	VETOQUINOL USA INC - set up donor cows for embryo s	2,205.75
03/14/2016	-	-	-	PCard# UFLOR - TXN03376637	VCHR# UFLOR - 04899649	EMP# 11919990 - Thomas,David	ABS GLOBAL INC - Semen to AI Cows	515.27
03/14/2016	-	-	-	PCard# UFLOR - TXN03377403	VCHR# UFLOR - 04899649	EMP# 11919990 - Thomas,David	ABS GLOBAL INC - Semen to AI Cows	370.90
Subtotal 731210 - ANIMAL BEDDING AND SUPPLIES								\$3,091.92
Subtotal Other Operating Expenses								\$8,923.44
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$9,879.59



Transaction Detail
The effects of BST administrat
For Month Ending: April 30, 2016

Run Date: 05/05/2016

Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Personnel Expenses: OPS								
652110 GRADUATE ASSISTANTS-EARNINGS								
04/07/2016	-	-	-	P/R 2016-04-08	-	-	HR Payroll Journals	416.09
04/21/2016	-	-	-	P/R 2016-04-22	-	-	HR Payroll Journals	416.09
Subtotal 652110 - GRADUATE ASSISTANTS-EARNINGS								\$832.18
652120 GRAD ASSTS-EARNINGS FRNG POOL								
04/07/2016	-	-	-	JE# UFLOR - FBP2563892	-	-	UF Fringe Benefit Pool	61.98
04/21/2016	-	-	-	JE# UFLOR - FBP2571722	-	-	UF Fringe Benefit Pool	61.99
Subtotal 652120 - GRAD ASSTS-EARNINGS FRNG POOL								\$123.97
Subtotal Personnel Expenses								\$956.15
Other Operating Expenses: MATERIAL								
731100 LAB SUPPLIES								
04/01/2016	-	-	-	PCard# UFLOR - TXN03379951	VCHR# UFLOR - 04913674	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - blood collection needles	233.44
04/01/2016	-	-	-	PCard# UFLOR - TXN03390201	VCHR# UFLOR - 04913965	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - caps for polypropylene tubes	258.50
04/19/2016	-	-	-	PCard# UFLOR - TXN03411648	VCHR# UFLOR - 04926658	EMP# 06656944 - Schulmeister, Tessa M	HENRY SCHEIN - PRG kits for the lab	315.25
04/19/2016	-	-	-	PCard# UFLOR - TXN03417685	VCHR# UFLOR - 04927141	EMP# 06656944 - Schulmeister, Tessa M	DAIRY ONE COOPERATIVE - whole soybean analysis	40.00
04/25/2016	-	-	-	PCard# UFLOR - TXN03412972	VCHR# UFLOR - 04930689	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - nipro blood collection needles	131.31
04/25/2016	-	-	-	PCard# UFLOR - TXN03415579	VCHR# UFLOR - 04930767	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - backordered supplies for the l	109.84
04/25/2016	-	-	-	PCard# UFLOR - TXN03415745	VCHR# UFLOR - 04930767	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - backordered caps for lab analy	51.70
04/25/2016	-	-	-	PCard# UFLOR - TXN03416984	VCHR# UFLOR - 04930824	EMP# 06656944 - Schulmeister, Tessa M	ACCUTEK LABORTORIES PIPET - sterile tips for the lab	49.22
04/25/2016	-	-	-	PCard# UFLOR - TXN03418880	VCHR# UFLOR - 04930891	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - 15mL and 2mL tubes for the lab	107.90
04/25/2016	-	-	-	PCard# UFLOR - TXN03419605	VCHR# UFLOR - 04931038	EMP# 06656944 - Schulmeister, Tessa M	CAYMAN CHEMICAL CO. INC - uric acid kit for the lab	370.00
04/25/2016	-	-	-	PCard# UFLOR - TXN03420383	VCHR# UFLOR - 04931038	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - tri reagent for lab analyses	167.70
04/25/2016	-	-	-	PCard# UFLOR - TXN03420849	VCHR# UFLOR - 04931038	EMP# 06656944 - Schulmeister, Tessa M	TFS FISHERSCI ECOM CAT - tubes and dpbs for lab analyse	35.03
04/27/2016	-	-	-	PCard# UFLOR - TXN03423914	VCHR# UFLOR - 04933507	EMP# 86612035 - Ruiz Moreno, Martin Javier	ARBOR ASSAYS - urinary creatinine detection k	265.00
Subtotal 731100 - LAB SUPPLIES								\$2,134.89
731210 ANIMAL BEDDING AND SUPPLIES								
04/25/2016	-	-	-	PCard# UFLOR - TXN03419629	VCHR# UFLOR - 04931035	EMP# 11919990 - Thomas, David	ABS GLOBAL INC - semen to AI Cattle	2,074.79
Subtotal 731210 - ANIMAL BEDDING AND SUPPLIES								\$2,074.79
Other Operating Expenses: OTHER								
794100 FREIGHT								
04/25/2016	-	-	-	PCard# UFLOR - TXN03419575	VCHR# UFLOR - 04931037	EMP# 88235880 - Gwin, Tina P	FEDEX 564237688403 - 800-4633339 shipped package fro	27.35
Subtotal 794100 - FREIGHT								\$27.35
Subtotal Other Operating Expenses								\$4,237.03
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$5,193.18



Transaction Detail
The effects of BST administrat
For Month Ending: May 31, 2016

Run Date: 06/04/2016

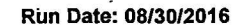
Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Personnel Expenses: OPS								
652110 GRADUATE ASSISTANTS-EARNINGS								
05/05/2016	-	-	-	P/R 2016-05-06	-	-	HR Payroll Journals	416.09
05/12/2016	-	-	-	P/R 2016-05-12	-	-	HR Payroll Journals	(416.09)
Subtotal 652110 - GRADUATE ASSISTANTS-EARNINGS								\$0.00
652120 GRAD ASSTS-EARNINGS FRNG POOL								
05/05/2016	-	-	-	JE# UFLOR - FBP2579579	-	-	UF Fringe Benefit Pool	61.98
05/12/2016	-	-	-	JE# UFLOR - FBP2582087	-	-	UF Fringe Benefit Pool	(61.99)
Subtotal 652120 - GRAD ASSTS-EARNINGS FRNG POOL								(\$0.01)
Subtotal Personnel Expenses								(\$0.01)
Other Operating Expenses: Contractual Expenses								
717000 LABORATORY SERVICES								
05/23/2016	-	-	-	VCHR# UFLOR - P0488245	PO# UFLOR - 6077 - 1600469009	INVOICE# 251	Kristina Porter - Artificial Insemination Serv	3,600.00
05/27/2016	-	-	-	VCHR# UFLOR - P0490234	PO# UFLOR - 6077 - 1600469249	INVOICE# 259	Kristina Porter - Semen for AI service of cattle	3,600.00
Subtotal 717000 - LABORATORY SERVICES								\$7,200.00
Other Operating Expenses: MATERIAL								
731100 LAB SUPPLIES								
05/01/2016	-	-	-	PCard# UFLOR - TXN03428618	VCHR# UFLOR - 04935818	EMP# 06656944 - Schulmeister,Tessa M	TFS FISHER SCI ATL - dpbs for the lab	36.13
05/01/2016	-	-	-	PCard# UFLOR - TXN03428619	VCHR# UFLOR - 04935818	EMP# 06656944 - Schulmeister,Tessa M	TFS FISHER SCI ATL - Trizol for the bst experiment	473.53
05/13/2016	-	-	-	PCard# UFLOR - TXN03430741	VCHR# UFLOR - 04946501	EMP# 06656944 - Schulmeister,Tessa M	HENRY SCHEIN - progesterone kits for the lab	315.25
05/17/2016	-	-	-	PCard# UFLOR - TXN03447264	VCHR# UFLOR - 04949454	EMP# 47487326 - Lamb,Graham Cliff	Stockmens Supply - products for bST study	758.94
05/27/2016	-	-	-	VCHR# UFLOR - P0493227	-	INVOICE# 8007898847	Eli Lilly & Co - Tax Freight	110.70
05/27/2016	-	-	-	VCHR# UFLOR - P0493227	PO# UFLOR - 6077 - 1600468817	INVOICE# 8007898847	Eli Lilly & Co - bST to Experiment 200 at 8 fo	1,410.00
Subtotal 731100 - LAB SUPPLIES								\$3,104.55
Other Operating Expenses: OTHER								
794100 FREIGHT								
05/01/2016	-	-	-	PCard# UFLOR - TXN03430349	VCHR# UFLOR - 04936032	EMP# 22115375 - Levy Piza Fontes,Pedro	THE UPS STORE - shipped package to Blacksburg,	295.26
05/09/2016	-	-	-	PCard# UFLOR - TXN03439774	VCHR# UFLOR - 04942586	EMP# 88235880 - Gwin,Tina P	THE UPS STORE - shipped package for bst study	56.10
05/17/2016	-	-	-	PCard# UFLOR - TXN03444202	VCHR# UFLOR - 04949060	EMP# 88235880 - Gwin,Tina P	UPS 000012V7Y8 - shipped packages	26.76
05/17/2016	-	-	-	PCard# UFLOR - TXN03446982	VCHR# UFLOR - 04949450	EMP# 22115375 - Levy Piza Fontes,Pedro	THE UPS STORE - shipment of samples to Blacksbs	290.95
05/23/2016	-	-	-	PCard# UFLOR - TXN03449545	VCHR# UFLOR - 04953407	EMP# 88235880 - Gwin,Tina P	UPS 000012V7Y8 - shipped package to south dakot	134.22
05/23/2016	-	-	-	PCard# UFLOR - TXN03452695	VCHR# UFLOR - 04953485	EMP# 22115375 - Levy Piza Fontes,Pedro	THE UPS STORE - sent package to South Dakota	299.45
05/25/2016	-	-	-	PCard# UFLOR - TXN03452113	VCHR# UFLOR - 04955577	EMP# 06656944 - Schulmeister,Tessa M	THE UPS STORE - shipped packages	75.85
Subtotal 794100 - FREIGHT								\$1,178.59
Subtotal Other Operating Expenses								\$11,433.14



Transaction Detail
The effects of BST administrat
For Month Ending: May 31, 2016

Run Date: 06/04/2016

Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Description Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$11,483.13



Acctg Date	Flex Code	UFID	CRIS	Transaction ID	Encumbrance ID	ID	Descriptoin Detail	Amount
Cost Center: 00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								
Other Operating Expenses: Contractual Expenses								
717000 LABORATORY SERVICES								
8/3/2016	-	-	-	VCHR# UFLOR - P0535756	PO# UFLOR - 6077 - 1600469250	INVOICE# 260	Kristina Porter - Estrus synchronization	3,600.00
Subtotal 717000 - LABORATORY SERVICES								\$3,600.00
Other Operating Expenses: MATERIAL								
731100 LAB SUPPLIES								
8/23/2016	-	-	-	VCHR# UFLOR - P0547509	PO# UFLOR - 6077 - 1700488312	INVOICE# 32553167	Henry Schein Inc - confirming order onl	2,513.69
Subtotal 731100 - LAB SUPPLIES								\$2,513.69
Subtotal Other Operating Expenses								\$6,113.69
00125192 - The effects of BST administrat-209-60770000 (Project-Fund-Department)								\$6,113.69

FINAL REPORT – Project # 00125192

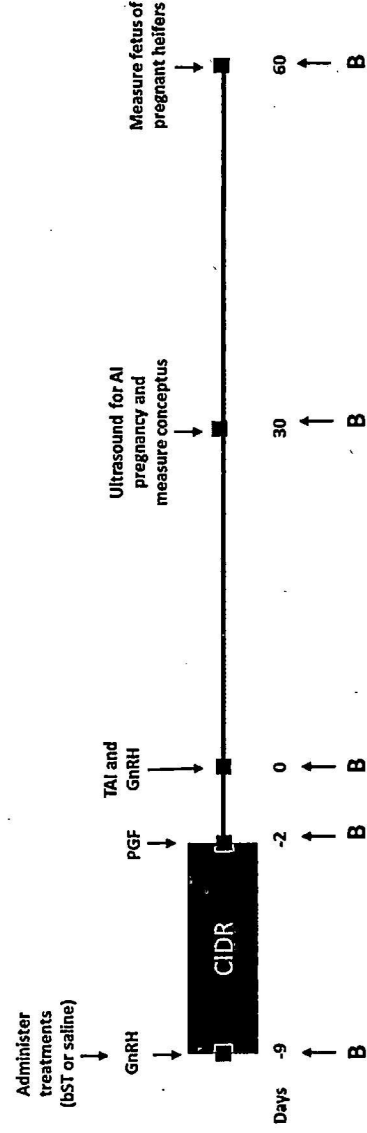
Title: The effects of recombinant bovine somatotropin (bST) administration prior to fixed-time AI on pregnancy rates, conceptus/fetal development and hormonal profile of beef heifers

Principle Investigator: Dr Cliff Lamb, North Florida Research and Education Center

Relevance to Florida Cattle Industry: Developing strategies to enhance fertility to TAI are essential to increasing calving survival in the Florida cattle industry. Administration of a high dose of bST to beef heifers at TAI may enhance concentrations of IGF-1 during the pre- and peri-implantation period and can potentially enhance conceptus development and reduce embryonic loss, improving pregnancy to TAI success and enhancing overall efficiency of cow-calf beef production systems.

Objective: To determine the effects of administration of 650 mg of slow-release recombinant bovine somatotropin (bST) on hormone concentration, conceptus/fetal development and pregnancy rates of beef heifers exposed to fixed-time AI (TAI).

Methods: Four hundred fourteen replacement beef heifers at 4 locations were estrus synchronized for fixed-time artificial insemination (TAI) using the 7-day CO-Synch + CIDR protocol. At initiation of the protocol heifers within location were randomly assigned to receive (Figure 1): 1) a 650 mg dose of slow-release recombinant bovine somatotropin (bST; n = 191); and 2) heifers did not receive a treatment (Control; n = 223). Pregnancy was determined via transrectal ultrasonography 30 and 60 days after TAI for assessment of pregnancy rates. Conceptus development was assessed by measuring crown to rump length (CRL) on day 30 and fetal development was assessed by measuring crown to nose length (CNL) on day 60 relative to TAI. Blood samples were collected to determined concentrations of progesterone (P4) and insulin-like growth factor-1 (IGF-1).



GnRH = Gonadotropin releasing hormone; PGF = prostaglandin $F_{2\alpha}$;
TAI = Fixed-time artificial insemination; B = Blood sample collection

Figure 1. Schematic of treatments.

Results: Concentrations of IGF1 were similar among treatments prior to administration of treatments on d -9, 30 days after TAI and 60 days after TAI. However, concentrations of IGF1 were greater in bST treated heifers at TAI (Figure 9). Pregnancy rates to TAI were greater ($P = 0.028$) Control (43%) and bST (30%) treated heifers and pregnancy rates to TAI among treatments differed ($P < 0.001$) ranging from 21% to 48%. However, final pregnancy rates were similar among treatments. Conceptus length was established on day 30 after TAI, with no treatment differences existing between bST (8.78 ± 0.31 mm) and Control (8.95 ± 0.25 mm). Treatment of heifers prior to TAI enhanced IGF1 at TAI, but failed to increase embryo size; however, increased IGF1 decreased pregnancy rates to TAI.

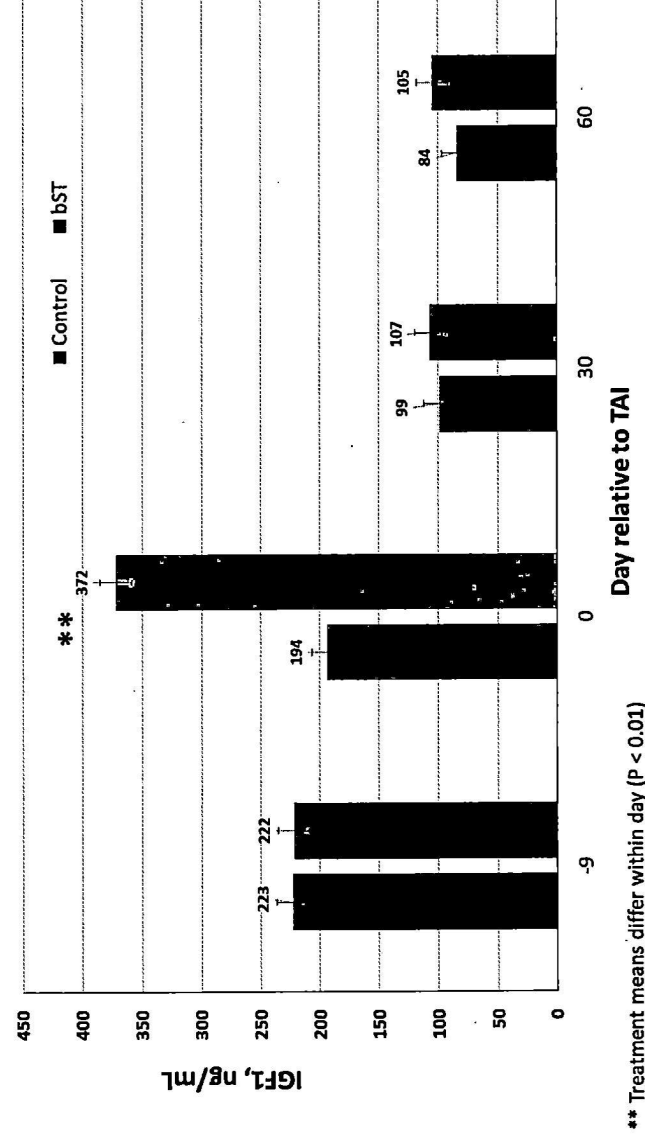


Figure 9. Concentrations of IGF1 in heifers either receiving 650 mg bST or no bST at 9 days prior to TAI.

Conclusion: Administration of bST prior to artificial insemination increases IGF1 at fixed-time AI (TAI), but fails to increase fetal growth and decreases pregnancy rates to TAI.