

PROGRAM PROPOSAL COVER SHEET

| | |
|---|--|
| ,QVWLWXWLRQ 2OG 'RPLQLRQ 8QLYHUVLW\ Q RII SURSRVDO &HUWLILFD' | \$FDGHP LF 3URJUDP &KHFN RQH 1HZ SURJUDP SURSRVDO &HUWLILFD' |
|---|--|

| | |
|--|--------------|
| 1DPH WLWOH RI SURSRVHG SURJUDP FRGH &\EHUVHFXULW\ | SURJUDP FRGH |
|--|--------------|

| | |
|--|----------------------------------|
| 'HJUHH FHUWLILFDWH GHVLJQDQ\ HDU RI LQLWLDWL 'RFRU RI : | GHVLJQDQ\ HDU RI LQLWLDWL)DO |
|--|----------------------------------|

D)RU D SURSRVHG VSLQ RII WLWOH DQG GHJUHH GHVLJQ
E &,3 FRGH H[LV

| | |
|---|----------------------------------|
| 7HUP DQG \HDU RI ILUVW JUDLGDVHUR YHG E\ %RDUG RI 6XPP | JUDLGDVHUR YHG E\ %RDUG RI ,; |
|---|----------------------------------|

ERPPXQLW\ FROOHJHV
UR YHG E\ ORFDO ERDNG
E\ 6WDWH %RDUG IRU &RPPXQLW\ &R

| | |
|---|----------------------|
| ,I FROODERUDWLYH RU MRLQW SURSRVDO OHWWHU V RI LQWHQW VXSSRUW ID | QWLI\ FRO SRQGLQJ |
|---|----------------------|

/RFDWLRQ RI P ZLWKLQ LQVW
VSHFLI\ WKH XURP WKH FKRLFH
'HSDUWPHQW V RU GLYLVLRQ RI
6FKRRO V RU FROOHJH V RI 6FKRRO &\EHUVHFXUL
&DPSXV HV R EDPSXV VLWH V 0DL &DPSXV 1RU
ORGH V RI IDFH WR IDFH ; GLVWDQFH
K\EULG IV IDFH DQG G

SURJUDPV KDYH ODJJHG EHKLQG 7KH UHVXOW LV WKDW LV

%XLOGLQJ RQ WKH VXFFHVV RI WKH XQGHUJUDGXDWH SURJ
&\EHUVHFXULW\ LQ 7KH 06 SURJUDP JUHZ TXLFNO\ IURF
VWXGHQWV LQ)DOO 7KH XQGHUJUDGXDWH SURJUDP JU
SURJUDP ZDV ILUVW FUHDWHG LQ VWXGHQWV ZHUH F
VWXGHQWV LGHQWLILHG DV F\EHUVHFXULW\ PDMRUV ,Q RY
H[SHULHQFHG D PRUH WKDQ IROG RYHU DQ HLJKW \HDU

7R VXSSRUW WKH JURZWK LQ WKH GHJUHH SURJUDPV DQG H
LQYHVWHG VLJQLILFDQWO\ WR VXSSRUW WKH F\EHUVHFXUL
GOODUV HTXLSPHQW IXQG WR FUHDWH D VWDWH RI WKH D
&\EHUVHFXULW\ 5HVHDFK (QYLURQPHQW &5(7KLV HQYL
DQG RXWUHDFK DFWLYLWLHV ,W HQULFKHV FRXUVH SURMH
DFWLYLWLHV SURYLGLQJ VWXGHQWV ZLWK KDQGV RQ H[SH
LPSRUWDQW IDFWRU LQ VWLPXODWLQJ VWXGHQWV LQWHU
SUREOHP VROYLQJ VNLOOV \$Q DGGLWLRQDO PLOOLRQ Z
3DUN WKH SK\VLFDORFDWLRQ ZKHUH WKH 6FKRRO LV KR
RI QHZO\ UHQRYDWHG VSDFH IRU FODVVURRPV VWXGHQW F
DQG D GDWD FHQWHU 7KH 6FKRRO RSHUDWHV D XQLTXH F\
LQIUDVWUXFWXUH HVWDEOLVKHG LQ DQG HQKDQFHG VI
F\EHULQIUDVWUXFWXUH JUDQWV DQG VWDWH LQYHVWPHQW
H[HUFLVHV OHDUQ F\EHUVHFXULW\ WRROV DQG WHFKQLTXH

,Q DGGLWLRQ 20G 'RPLQLRQ 8QLYHUVLW\ KDV WDNHQ D OH
SDUWQHUVKLSV EHWZHHQ EXVLQHVVHV QRQ SURILWV SXE
7KUHH SURJUDPV FHQWUDO WR WKHVH SDUWQHUVKLSV DUH
:RUNIRUFH DQG (FRQRPLF 'HYHORSPHQW \$OOLDQFH +5&\E
WKH &RDVWDO 9LUJLQLD &\EHUVHFXULW\ ,QLWLDWLYH &U
SURPRWLRQ UHJLRQDO FROODERUDWLRQ EHWZHHQ KLJK VF
EXVLQHVVHV DQG QRQ SURILWV 6XSSRUWHG WKURXJK D J
DQG 7HFKQRORJ\ +5&\EHU IRUPDOL]HG GHJUHH SDWKZD\ V
GHYHORSPHQW RI D UHJLRQDO F\EHUVHFXULW\ LQWHUQVKL
EHWZHHQ EXVLQHVVHV DQG KLJKHU HGXFDWLRQ LQVWLWXW
F\EHUVHFXULW\ FXUULFXOXP WR EHWWHU PHHW WKH QHHG
/DERUDWRU\ H[SDQGHG RQ +5&\EHU WR FUHDWH DGGLWLRQ
ZKLFK SURYLGHV EXVLQHVVHV VDODU\ VXSSRUW IRU KLULQ
DV SDUW RI 9LUJLQLD V &RPPRQZHDOWK &\EHUVHFXULW\ ,G
&RDVWDO 9LUJLQLD &HQWHU IRU &\EHU ,QQRYDWLRQ &R9\$
VXVWDLQ WKH +5&\EHU LQLWLDWLYH DQG FRQQHFVV F\EHU
EXVLQHVVHV DFURVV WKH UHJLRQ DQG WKH VWDWH

2'8 V JURZWK LQ F\EHUVHFXULW\ SURJUDPPLQJ LQYHVWPH
LQIUDVWUXFWXUH DQG OHDGHUVKLS LQ EXVLQHVV SDUWQH
YLEUDQW DQG LQQRYDWLYH 3K' SURJUDP LQ F\EHUVHFXULW

Mission

7ZR OHWWHUV RI UHFRPPHQGDWLRQ IURP LQGLYLGXDO
SURIHVVLQRQDO DQG RU DFDGHPLF EDFNJURXQG
\$ FXUUHQW UHVXPH
\$ VWDWHPHQW RI SURIHVVLQRQDO JRDOV
&XUUHQW VFRUHV RQ WKH 7HVW RI (QJOLVK DV D)RUHL
RI RQ WKH FRPSXWHU EDVHG 72()/ RU RQ WKH 72()
ODQJXDJH LV QRW (QJOLVK

6WXGHQWV ZLWK SUHYLRXVO\ FRPSOHWHG ZRUN DW D UHJL
UHTXHVW IRU D PD[LXP RI HOHFWLYH JUDGXDWH FUHGLV
DSSURYHG E\ WKH DGPLVVLRQ FRPPLWWHH LW ZLOO EH DG

Target Population

7KUH VHWV RI VWXGHQWV ZLOO EH WDUJHWHG IRU WKH SU
8QLYHUVLW\ VWXGHQWV ZKR DUH FXUUHQWO\ HQUROOHG LQ
LW ZLOO UHSUHVHQW D QDWXUDO SURJUHVVLRQ SDUWLFXO
WR ZRUN KLJKHU HGXFDWLRQ RU UHVHDUFK

7KH VFRQG WDUJHW JURXS LQFOXGHV F\EHUVHFXULW\ VW
GHJUHH SURJUDPV DFURVV WKH &RPPRQZHDOWK RI 9LUJLQ
LQWHUHVW LQ WHDFKLQJ DERXW DQG UHVHDUFKLQJ F\EHUV
RI WKH RQOLQH RSWLRQ ZLOO DOORZ XV WR WDUJHW VWXG
ZKR RWKHUZLVH PD\ QRW EH DEOH WR PRYH

7KH WKLUG WDUJHW JURXS LQFOXGHV FXUUHQW F\EHUVHFX
QR GRFWRUDO GHJUHH DQG DUH WHDFKLQJ DW FRPPXQLW\
QDWLRQ 2WKHU GRFWRUDO SURJUDPV DW 2'8 KDYH VXFFH
VHJPHQW RI WKH KLJKHU HGXFDWLRQ FRPPXQLW\ E\ RIIHUL
GLVFLSOLQDU\ DUHDV

6WXGHQWV HQWHULQJ IURP DQ XQGHUJUDGXDWH GHJUHH S
UHVWULFWHG HOHFWLYHV WR OHDUQ DERXW GLIIHUHQW DV
QHWZRUN V\WHPV FORXGV PRELOH DQG ZLUHOHV V\WHP
V\WHPV LQFOXGLQJ WKH HPHUJLQJ ,QWHUQHW RI 7KLQJV
LPSRUWDQW F\EHUVHFXULW\ WRSLFV DV UHYHUVH VRIWZDU
PRGHOLQJ DQG HWKLFDO KDFNLQJ DQG SHQHWUDWLRQ WH
SUREOHPV JDWKHU LQIRUPDWLRQ DQDO\]H GDWD GHILQH
FRQWLQJHQFLHV DQG HIIHFWLYHO\ DUWLFXODWH DQG FRP
RSSRUWXQLWLHV WR LQWHUDFW ZLWK SRWHQWLDO HPSOR\

\$IWHU VWXGHQWV KDYH FRPSOHWHG WKH IRXQGDWLRQDO F

&<6(\$GYDQFHG (WKLFD0 +DFNLQJ DQG 3HQHWUDWLRQ 7
 &<6(\$, 6HFXULW\ DQG 3ULYDF\
 &<6(\$GYDQFHG 7RSLFV LQ &\EHUVHFXULW\
 &<6(,QGSHQGHQW 6WXG\ LQ &\EHUVHFXULW\
 &6 1HWZRUNHG 6\VWHPV 6HFXULW\
 &6 ,QIRUPDWLRQ \$VVXUDQFH IRU &\EHUVHFXULW\
 &6 3ULQFLSOHV DQG 3UDFWLFH RI &\EHU 'HIHQVH
 &6 ,QWURGXFWRQ WR 5HYHUVH 6RIWZDUH (QJLQHHLQJ
 &6 0DOZDUH \$QDO\VLV DQG 5HYHUVH (QJLQHHLQJ
 &6 'DWD \$QDO\WLFV IRU &\EHUVHFXULW\
 &6 ,QWURGXFWRQ WR 0DFKLQH /HQUQLQJ &UHGLW +R
 &6 ,QWURGXFWRQ WR \$UWLILFLDO ,QWHOOLJHQFH &U
 &6 'DWD \$QDO\WLFV DQG %LJ 'DWD &UHGLW +RXUV
 &6 0DFKLQH /HQUQLQJ &UHGLW +RXUV
 &6 1DWXUDO /DQJXDJH 3URFHVVHQJ &UHGLW +RXUV
 (0 6 \$W 6HFXULW\ DQG 3ULYDF\ (QJLQHHLQJ) &UHGLW +RXUV
 06,0 &\EHU 6\VWHPV (QJLQHHLQJ
 6WXGHQWV HQUHLQJ ZLWK DQ 06 ZLOO QRW WDNH WKHV

Advanced Electives (15 hours)

6HOHFWXUV IURP WKUHH GLIIHUHQW GLVFLSOLQHV
 &5,0 \$GYDQFHG &\EHUFULPLQRORJ\ &UHGLW +RXUV
 &6 %ORFNFKDLQV DQG &U\SWRFXUUHQFLHV)XQGDPHQW
 &UHGLW +RXUV
 &6 ,QWHUQHW RI 7KLQJV 6HFXULW\ &UHGLW +RXUV
 &6 \$GYDQFHG &RPSXWHU DQG 1HWZRUN 6HFXULW\ &UH
 &6 'DWD 0LQLQJ DQG 6HFXULW\ &UHGLW +RXUV
 &6 'LVWULEXWHG 6\VWHPV 6HFXULW\ ZLWK 1HW &UHGLW
 &<6(,QGSHQGHQW 6WXG\ FUHGLW KRXUV
 (1*/ s XG\ R „B

Candidacy Examination

6WXGHQWV LQ WKH 3K' LQ &\EHUVHFXULW\ ZLOO EH UHTXLU
TXDOLI\ IRU FDQGLGDF\ IRU WKH GHJUHH RI 'RFRU RI 3KLC
VWXGHQW¶V DELOLW\ WR FRKHUHQWO\ UHODWH LQIRUPDWL
LQ D FULWLFDO DQG VFKRODUO\ PDQQHU 7KH VWXGHQW¶V
FDQGLGDF\ H[DP GXULQJ WKH VPHVWHU LQ ZKLFK KH VKH
H[FHSW IRU GLVVHUWDWLRQ KRXUV UHTXLUHG IRU WKH GI
UHVSRQVLEOH IRU FRRUGLQDWLRQ WKH DGPLQLVWUDWLRQ
DQG ZLOO DSSRLQW D FRPPLWWHH WR DGPLQLVWHU WKH H
XS RI DW OHDVW WKUHH IDFXOW\ PHPEHUV DOO RI ZKRF
ZKRP PXVW EH DIILOLDWHG ZLWK WKH 6FKRRO RI &\EHUVHF
ZLOO IROORZ JXLGHOLQHV LQ WKH 2OG 'RPLQLRQ 8QLYHUV

\$IWHU VXFFHVVIXO FRPSOHWLRQ RI WKH ZULWWHQ H[DP
WDNHQ SULRU WR WKH HQG RI WKH QH[W VPHVWHU LV JL
H[DPQLDWLRQ DQG SRVVLEOH DGGLWLRQDO PDWHULDV \$Q
FDQGLGDF\ H[DPQLDWLRQV \$Q VWXGHQW QRW SDVVLQJ DG
VHFRQG WLPH ,I D VWXGHQW GRHV QRW SDVV DQ H[DP RQ
VXVSHQG HG IURP WKH SURJUDP

Dissertation Research

2QFH WKH ZULWWHQ DQG RUDO FDQGLGDF\ H[DPQLDWLRQV
ZLOO EH IRUPHG WR VXSHUYLVH GLVVHUWDWLRQ UHVHDUFK
LQ FRQVXOWDWLRQ ZLWK KLV RU KHU DGYLVRU DQG DSSUR
GLVVHUWDWLRQ SURSRVDO WKH FKDLU RI WKH GLVVHUWDV
DGPLVLRQ WR FDQGLGDF\ WR WKH *3' DQG WKH 'HDQ (DFK
KRXUV RI GLVVHUWDWLRQ UHVHDUFK &<6('RFRUDO 'L
UHVXOW LQ GHYHORSPHQW RI D GRFRUDO GLVVHUWDWLRQ
VWXGHQW

7KH GLVVHUWDWLRQ PD\ WDNH WKH IRUP RI RQH PDMRU SU
SUHSDUHG IRU MRXUQDO SXEOLFDWLRQ 8SRQ FRPSOHWLRQ
FRPPLWWHH ZLOO FRQGXFW D SXEOLF H[DPQLDWLRQ DQG G
WKH UHVSRQVLELOLW\ RI WKH GLVVHUWDWLRQ FKDLU WKH
,QWHUGLVFLSOLQDU\ 6WXGLHV ZKR WRJHWKHU FHUWLI\ WK

\$SSHQGLPHKR _!Yip H 0'H@KR 0JXLGHOLSOLQWVf1\

5HTXLULQJ DQ RQOLQH RULHQWDWLRQ VHVVLQR IRU D

\$PRQJ

Student Assessment

6WXGHQWV ZLOO EH HYDOXDWHG WKURXJKRXW WKH SURJUD
VWXGLHV SDSHUV UHVHDFK SURMHFWV DQG SUHVHQWDV
WKH SURIHVVLRQDO DQG HPSLULFDO FRPSHWQFLHV UHTXL
UHVHDFKHUV 6SHFLILFDOO\ JUDGXDWHV ZLOO EH DEOH V

\$QDO\]H HWKLFDO DQG VRFLDO LVVXHV LQ WKH DUHD R
XQGHUO\LQJ LPSOLFDFWLRQV RI WKRVH LVVXHV WR PXO
&RQGXFV LQGHSHQGHQW UHVHDFK RQ F\EHUVHFXULWY
&RPPXQLFDWH LQ ZULWLQJ WKH UHVXOWV RI WKHLU UH
DXGLHQFHV
,QWHJUDWH SULQFLSOHV DQG PHWKRGV IURP D YDULHW
\$SSO\ WKHLU LQWHUGLVFLSOLQDU\ H[SHUWLWH WKURXJ
DQG
2UDOO\ FRPPXQLFDWH WKHLU XQGHUVWDQGLQJ RI F\EH
FRKHVLYH DQG ZHOO VWUXFWXUHG SUHVHQDWLRQV W

7KHVH VWXGHQW OHDUQLQJ RXWFRPHV DUH SURYLGHG LQ V

Curriculum Map of Cyberst

| | | | |
|--|--|--|--|
| 3 Written Research &RPPXQLFDWH WKH UHVXOWV IRU ERWK VFKRODUO\ VFKRODUO\ DXGLHQFHV | &<6('RFWRUDO LQ ZULWLQJ RI WKHLU UHVHDFK ODUO\ DQG QRQ | 'LVVHUWDWLRQ &<6(RI VWXGHWV ZLOO VXFFHVVIXOO\ F SURMHFW HLWKHU DV RQH FRPSUHKHQV DUWLFOHV | |
| 4 Integrated Perspective ,QWHJUDWH SULQFLSOHV DQG PHWKRGV IURP GLVFLSOLQHV WR F\EHUVHFXULW\ | &<6(&\EHUVHFXULW\ 6HPLQDU LQFLSOHV DQG ULHSGYFDI QFHG W\EHUVHFXULW\ 7H&KQ 2SHUDWLRQV , | RI VWXGHWV ZLOO GHYHORS D F\EH SURSRVDO WKDW LQWHJUDWHV LGHDV I 5HVHDFK SURSRVDO LTXHV DQG RI VWXGHWV ZLOO FRPSOHWH D F\EH DQG EH DEOH WR H[SODLQ KRZ WKH GLVFLSOLQHV H[SODLQH WKURXJK PXOWLGLVFLSOLQHV | |

5 Instructional Research

\$SSO\
LQWHUGLVFLSOLQDU\
H[SHUWLHV WKURXJK Wp

Employment Skills/Workplace Competencies

*UDGXDWHV RI WKH SURSRVHG 'RFWRU RI 3KLORVRSK\ SURJ
DQG DELOLWLHV QHHGHG IRU HPSOR\PHQW DQG ZRUNSODFH
DQG LQ LQGXLVWU\

\$V IDFXOW\ PHPEHUV JUDGXDWHV ZLOO EH DEOH WR

'HYHORS DQG GHOLYHU HIIHFWLYH F\EHUVHFXULW\ LQV
FROOHJH RU XQLYHUVLW\ SURJUDP
&RQGXFW F\EHUVHFXULW\ UHVHDUFK VWXGLHV LQGHSHQ
VFKRODUV
\$GYLVH DQG PHQWRU F\EHUVHFXULW\ VWXGHQWV
6HUYH DV SURIHVVLRQDO FRQVXOWDQWV DQG DGYLVRU
JXLGDQFH
([SDQG VFLHQWLILF NQRZOHGJH DERXW F\EHUVHFXULW\
IUDPHZRUNV

\$V D F\EHUVHFXULW\ UHVHDUFKHU ZRUNLQJ LQ LQGXLVWU\ R
WR

'HYHORS RULJLQDO UHVHDUFK SURMHFWV IRFXVHG RQ

,Q PDQ\ FDVHV HPHUJHQW F\EHUVHFXULW\ DFDGHPLF S
SUDFWLWLRQHUV DV DGMXQFW IDFXOW\ WR WUDQVIHU
+RZHYHU WKLW DSSURDFK SURYHG LQVXIILFLHQW WR G
GLVFLSOLQH RI F\EHUVHFXULW\ ZLWK HIIHFWLYH HGXFD
JURZLQJ DQG FKDQJLQJ QHHG IRU F\EHUVHFXULW\ SURI

&\EHUVHFXULW\ GRFWRUDO SURJUDPV KDYH DOVR EHHQ MX
EXLOG EULGJHV EHWZHHQ LQGXVWU\ DQG KLJKHU HGXFDWL
GRFWRUDO VWXGHQWV ZRXOG LQFOXGH F\EHUVHFXULW\ SU

REWDLQ WKH ULJKW \$QRDQMLQWDPH QRWCHG 'WKDW ZKLOH G
DSSURSULDWH IRU VRPH F\EHUVHFXULW\ FDUHHUV LQWHUC
VRPH RFFXS DWHLRQVEHUVHFXULW\ GRFWRUDO WUDLQLQJ LV
3K' SURJUDPV WKRVH SURJUDPV DUH MXU\

&\EHUVHFXULW\ DQQXDO HQUROOPHQW LQFUHDVHV ZHU

7KH QXPEHU RI QHZ DFDGHPLF SURJUDPV DOVR LQFUHDVHG
LQVWLWXWLRQV ZHUH GHVLJQDWHG DV 1DWLRQDO &HQWHU
HGXFDWLRQ 7RGD\ PRUH WKDQ LQVWLWXWLRQV KROGV
HQUROOPHQW DQG DFDGHPLF SURJUDPPHQJ WKH GHYHORS
KDV QRW NHSW SDFH ,Q IDFW WKHUH DUH MXVW IRXU F\E
6WDWHV 7KHVH LQFOXGH WKH IROORZLQJ

1RUWKHDEVWHUQ 8QLYHUVLW\ DQ LQVWLWXWLRQ ZLWK
5HVHDFK RIIHUV D 3K' LQ &\EHUVHFXULW\ 7KH SURJ
0DU\PRXQW 8QLYHUVLW\ DQ LQVWLWXWLRQ ZLWK DQ 10
&\EHU 'HIHQVH RIIHUV D 'RFWRU RI 6FLHQFH LQ &\EHUV
RQOLQH DQG RQ FDPSXV

129\$ 6RXWKHDEVWHUQ 8QLYHUVLW\ DQ LQVWLWXWLRQ Z
([FHOHQFH LQ &\EHU 'HIHQVH RIIHUV D 3K' LQ &\EHUV
LV DYDLODEOH RQOLQH DQG RQ FDPSXV

3XUGXH 8QLYHUVLW\ DQ LQVWLWXWLRQ ZLWK DQ 16\$ &
5HVHDFK RIIHUV DQ LQWHUGLVFLSOLQDU\ 3K' LQ ,QIR
DYDLODEOH RQOLQH RQ FDPSXV

6RPH LQVWLWXWLRQV RIIHU F\EHUVHFXULW\ FRQFHQWUDWL
ILOOLQJ D QHGH WKH DEVHQFH RI SURJUDPV VSHFLILFDOO
IRUZDUG DQG NHHSLQJ SDFH ZLWK HQUROOPHQW DQG MRE

9LUJLQLD)RFXV

&\EHUVHFXULW\ KLJKHU HGXFDWLRQ SURJUDPV KDYH LQFU
9LUJLQLD 7DEOHV DQG VKRZ HQUROOPHQWV LQ DVVRF

Student Demand

6WXGHQW GHPDQG IRU D 3K' OHYHO SURJUDP LQ F\EHUVHF)
GDWD DV IROORZV

(QUROOPHQWV LQ F\EHUVHFXULW\ XQGHUJUDGXDWH DQ
SURVSHFWLYH JUDGXDWH VWXGHQWV LQ WKLV SURJUDP
5HVHDFK DW 2'8 UHSRUWV WKRVH HQUROOPHQWV²LQ F
F\EHUVHFXULW\ PDMRUV²DV IROORZV

-)DOO
-)DOO
-)DOO
-)DOO
-)DOO
-)DOO
-)DOO
-)DOO
-)DOO
-)DOO

5HVXOWV RI D VXUYH\ VHQW WR XQGHUJUDGXDWH MXQ
F\EHUVHFXULW\ VWXGHQWV DW 2'8 x LW ÀGX

SUMMARY OF PROJECTED ENROLLMENTS IN PROPOSED PROGRAM

Projected enrollment

Assumptions

W DUJHW \H DU ,Q \H DU D WKLUG F\EHUVHFXULW\ IDFXOW
SURSRVHG SURJUDP SURYLGLQJ)7(WKURXJK WKH WDUJH
IDFXOW\ PHPEHU ZLOO FRQWULEXWH RI HIIRUW WR WKH
WKH WDUJHW \H DU

)XOO WLPH IDFXOW\ IURP WKH 6FKRRO RI &\EHUVHFXULW\ Z
\H DU DQG)7(HIIRUW E\ WKH WDUJHW \H DU

1R QHZ UHVRXUFHV ZLOO EH UHTXLUHG WR ODXQFK RU RSH
&\EHUVHFXULW\

; \$JU
6L

APPENDICES

H 6WXGHQWV

ery

R

HF

R

R

R

(OHF

THQVH

&R

VHDFK 0HWKRG

(OHF

VWULFWHG)RX

(OHF

727\$/ FL

SpringII

&<6 &\EHUVHFXU

&R

&<6(3+/ 0RUDO 5HDVRQLQJ IRU

&R

| | | |
|------------------|--|---------|
| 7RWDO | | |
| Fall IV | | |
| &<6('RF'L'VVHL | | 'L'VVHL |
| 7R\ &U† | | |
| Spring IV | | |
| &<6('RF'L'VVHL | | 'L'VVHL |
| 7R\ &U† | | |
| Summer IV | | |
| &<6('RF'L'VVHL | | 'L'V\DW |
| 7RWDO | | |
| Fall V | | |
| &<6('RF'L'VVHL | | 'L'VVHL |
| 7R\ &U† | | |
| Spring V | | |
| &<6('RF'L'VVHL | | 'L'VVHL |
| 7RWD(GI | | |

7RWDO 5HTXLUHG IRU 'HJUHI

6DPSOH 3ODQ RI 6WXG\ IRU 3DUW 7LPH 6WXGHQWV

| Course | Credits | Category |
|------------------------|---------|----------|
| Fall I | | |
| &<6(&\EHUVHFX | | &R |
| &<6(\$GYDQFHG &\EHUVH | | &R |
| 727\$/ FI | | |
| Spring I | | |

| | | |
|---------------------|--|----|
| &<6(5HVH0HWKRGV LQ | | &R |
| 727\$/ FI | | |

Fall IV

&<6(\$GYDQFHG &\EHUVHFXULW\ 7HFKQLTX&RUDHG 2SHU

,

APPENDIX B
COURSE DESCRIPTIONS

1HZ FRXUVHV DUH GHQRWHG ZLWK DQ DVWHULVN

Core Courses

CYSE 600

3UHUHTXLVLWH &<6(

CYSE 70/801 \$GYDQFHG &\EHUVHFXULW\ 7HFKQLTXHV DQG 2SHU
6WXGHQWV DSSO\ WKH WRROV DQG WHFKQLTXHV OHDUQHG
2SHUDWLRQV 9LUWXDO ODERUDWRU\ ZRUN LV FRQGXFWHG
GHVFULELQJ WKH UHVXOWV RI WKHLU DQDO\VVH LQYHVWL
3UHUHTXLVLWH &<6(

CYSE 802 &\EHUVHFXULW\ 6HPLQDU FUHGLWV
,QWURGXFHV QHZ 3K' VWXGHQWV WR WKH VWXG\ RI F\EHUV
LQWHUGLVFLSOLQDU\ ILHOGV RI VWXG\ RIIHUG DV GRFWRU
SXEOLVKHG E\ 2'8 VFKRODUV DQG GLVFXVV KRZ LQWHUGLVF
ZLOO LGHQWLI\ SRVVLEOH UHVHDUFK DJHQGDV IRU WKHLU
EH LQFOXGHG

CYSE/PHL 808 0RUDO 5HDVRQLQJ IRU (PHUJLQJ 7HFKQRORJLHV
7KLV FRXUVH SURYLGHV WUDLQLQJ LQ KRZ WR WKLQN FULW
FRQFHUQV LQ WKH FRQWH[W RI QHZ HPHUJLQJ DQG GHYH
HWKLFDO JXLGHOLQHV DQG SUDFWLFHV KDYH QRW EHHQ IX
ZLWK IOH[LEOH DQG DGDSWLYH WUDLQLQJ LQ LGHQWLI\LQJ
ZLOO GHYHORS WKHVH VNLOOV WKURXJK D VWXG\ RI SKLOR
6FLHQFH DQG 7HFKQRORJ\ 6WXGLHV FRPELQH ZLWK DFWLY
DSSOLFDWLRQ RI WKHVH WKHRULHV DQG PHWKRGV

CYSE 808 &\EHUVHFXULW\ 3UDFWLFXP FUHGLWV
6WXGHQWV ZRUN LQ D SURIHVVLRQDO VHWWLQJ DQG DSSO\
VHWWLQJ PD\ LQFOXGH D KLJKHU HGXFDWLRQ VHWWLQJ LG

7KH FRXUVH ZLOO GLVFXVV WUDGLWLRQDO DQG DGYDQFHG
QHWZRUN GHHS FRQYROXWLRQDO QHXUDO QHWZRUN JHQH
OHDUQLQJ DOJRULWKPV 6WXGHQWV ZLOO HQJDJH LQ RUDO
SUHVHQWLQJ WKH PDWHULDOV RI WKH FRXUVH SURMHFW

CYSE 525 &\EHUVHFXULW\ 6WUDWHJ\ DQG 3ROLF\ &UHGLW +R
7KLV FRXUVH H[SORUHV F\EHUVHFXULW\ SROLF\ DQG VWUDW
RI VWUDWHJ\ GHYHORSPHQW DQG SROLF\ PDNLQJ LQ F\EHU
SULQFLSOHV LQ F\EHU VWUDWHJ\ ULVN PDQDJHPHQW DQG
F\EHUVHFXULW\ SROLFLHV EXVLQHVVHV DQG JRYHUQPHQW
DELOLWLHV QHHGHG WR GHYHORS DQG LPSOHPHQW F\EHUV
LPSOLFDFWLRQV WKDW DULVH LQ F\EHUVHFXULW\ SROLFLHV
SROLF\ DQG WKH WLHV EHWZHHQ QDWLRQDO VHFXULW\ DQ

CYSE 526 &\EHU :DU &UHGLW +RXUV
7KLV FRXUVH H[SORUHV WKH QDWLRQDO VHFXULW\ GLPHQV
LQ LQWHUQDWLRQDO UHODWLRQV ([SORUDWLRQ RI F\EHU Z
DV D FRPSRQHQW RI QDWLRQDO VHFXULW\ DQG LQYHVWLJD
DQG RWKHU QDWLRQDO DSSURDFKHV WR F\EHU ZDU 7KH W
GRPDLQ WKH UROHV RI LQWHUQDWLRQDO RUJDQL]DWLRQV
PHGLD DQG LQIRUPDWLRQ ZDUIDUH ZLOO EH GLVFXVVHG 7
LV DOVR GLVFXVVHG

CYSE 525 DR SLFV LQ &\EHUVHFXULW\ &UHGLW +RXUV
7KH DGYDQFHG VWXG\ RI VH@ PH

FU\SWRJUDSK\ PDOLFLRXV DFWLYLW\ GHWHFWLRQ V\VWHP

YLUWXDO PDFKLQH HQYLURQPHQW 7KH\ ZLOO DOVR SOD\ Z
KRZ WKH\ ZRUN DQG ZKDW VHFXULW\ JXDUDQWHH WKH\ SUR
3UHUHTXLVLWHV EDVLF NQRZOHGJH RI SURJUDPPLQJ FRPS
SULRU NQRZOHGJH RI FRPSXWHU VHFXULW\ LV QHFHVVDU\

CS82 \$GYDQFHG &RPSXWHU DQG 1HWZRUN 6HFXULW\ &UHG
7KLV FRXUVH LV D UHVHDUFK RULHQWHG JUDGXDWH OHYHO
WHFKQLTXH DV ZHOO DV DGYDQFHG VWDWH RI WKH DUW W
7RSLFV LQFOXGH 6\ VWHP DQG 6RIWZDUH 6HFXULW\ &U\SWR
1HWZRUN 6HFXULW\ :HE DQG %URZVHU 6HFXULW\ &ORXG 6
3UHUHTXLVLWHV &6 RU &6

CS83 'DWD 0LQLQJ DQG 6HFXULW\ &UHGLW +RXUV
,QWURGXFWLRQ WR GDWD PLQLQJ \$OJRULWKPV LQFOXGLQJ
\$VVRFLDWLRQ 5XOHV /LQH DU FODVVLILFDWLRQ DQG &OXV
&XUYHV 690 %D\HVLDQ QHWZRUNV . PHDQV FOXVWHULQJ
/HDUQLQJ \$SSOLFDFWLRQ RI GDWD PLQLQJ WR VHFXULW\ DG
DXWKRUL]DWLRQ DQG LQWUXVLRQ GHWHFWLRQ 3ULYDF\ S

CS84 'LVWULEXWHG 6\ VWHP 6HFXULW\ ZLWK 1HW &UHGLW
7KH FRXUVH SURYLGHV D GHWDLOHG FRYHUDJH RI VHFXULW
V\ VWHP DUFKLWHFWXUH \$63 1HW VHFXULW\ IUDPHZRUN F
\$'2 1HW ,W DOVR GLVFXVVHV ZLQGRZV DQG IRUPV DXWKHQ
FRGH REIXVDFWLRQ DQG DGYDQFHG FRQFHSWV LQFOXGLQ

(QJLQHHULQJ DQG GLJLWDO PHFKDQLVPV RI WUXVW DQO
3UHUHTXLVLWHV (10\$

ENMA 84 5LVN \$QDO\VLV &UHGLW +RXUV
\$SSURDFKHV WR WKH PDQDJHPPHQW RI ULVN SUREDELOLW\
VRIWZDUH SDFNDJHV H[WHQVLRQV RI GHFLVLRQ DQDO\VLV
PXOWLDWWULEXWH PHWKRGV DSSOLFDWLRQV WR SURMHFW

ENMA 85 6\WVHP 5LVN DQG)DLOXUH \$QDO\VLV &UHGLW +RX
7KLV FRXUVH LV DERXW WKH PRGHOLQJ RI V\WVHP GHSHQG
DQDO\VLV WR VXSSRUW WKH GHVLJQ RI QHZ DQG IDLOXUH D
HQG RI WKLV FRXUVH VWXGHQWV ZLOO EH DEOH WR PRGH
WRGD\¶V KLJKO\ QHWZRUNHG DQG ULFKO\ LQWHUFRQQHFWH

ENMA 80 6\WVHP RI 6\WVHPV (QJLQHHULQJ &UHGLW +RXUV
&RPSUHKHQVLYH WUHDWPHQW RI 6\WVHP RI 6\WVHPV (QJLQ
V\WVHPV SULQFLSOHV FRQFHSWV DQG JRYHUQLQJ ODZV F
SDUDGLJPV PHWKRGRORJLHV DQG HVVHQWLDO PHWKRGV I
FRPSOH[V\WVHP WUDQVIRUPDWLRQ FXUUHQW VWDWH RI 6
([SORUHV WKH UDQJH RI WHFKQRORJLFDQ KXPdq VRFLDQ
SROLWLFDO GLPHQVLRQV RI WKH 6R6(SUREOHP GRPDLQ

ENMA 85 +XPDQ 6\WVHP (QJLQHHULQJ &UHGLW +RXUV
7KLV FRXUVH LQWURGXFHV FRQFHSWV RI +XPDQ 6\WVHP (Q
WKDW LQFOXGH KXPdq FRPSRQHQWV +XPDQ 6\WVHP ,QWHJ
GLVFXVVHG DV ZHOO DV RWKHU KXPdq FHQWHUHG GHVLJQ
V\WVHPV DQG V\WVHPV RI V\WVHPV GHVLJQ LV H[SORUHG D
GDWD LQFOXGLQJ DUFKLWHFWXUH IUDPHZRUNV DUH SUHV
V\WVHPV LV GRQH WKURXJK KDQGV RQ SURMHFWV

ENMA 81 5LVN DQG 9XOQHUDELOLW\ 0DQDJHPPHQW RI &RPSOH[
+RXUV
6HPLQDU GLVFXVVLRQV DQG WHDP SURMHFWV \$ V\WVHPDW
HFRQRPLFV DQG PDQDJHPPHQW RI FULWLFDO LQIUDVWUXFW
YXOQHUDELOLW\ DQG ULVN JRYHUQDQFH 'HYHORSPHQW RI
V\WVHPV E\ XVH RI FRPSOH[LW\ DQDO\VLV G\QDPLF FKDRW
GHVLJQ DQG PDQDJHPPHQW XQGHU QRUPDO DQG VWUHVV FR
DSSURDFK XQGHU FRQGLWLRQV RI XQFHUWDLQW\ G\VIXQFV
QDWXUDO SHULOV 3UHUHTXLVLWHV 3HUPLVLRQ RI WKH L

ECE 72 &RPSXWHU &RPPXQLFDWLRQ 1HWZRUNV &UHGLW +R
7KLV LV DQ DGYDQFHG OHYHO FRXUVH LQ GDWD FRPPXQLFD
PRGHOLQJ DQG FRQWURO RI FRPSXWHU FRPPXQLFDWLRQ V
QHWZRUNV FLUFXLW VZLWFKHG QHWZRUNV \$70 QHWZRUNV
DQG SHUIRUPDQFH DQDO\VLV QHWZRUN VHFUXLW\ DQG ZL

IDF80 3ULQFLSOHV DQG 3UDFWLHV RI +XPDQ 3HUIRUPDQFH
7KLV FRXUVH H[SORUHV ERWK WKH SULQFLSOHV DQG SUDFW
URXJKO\ HTXDO HPSKDVLV RQ ERWK 6WXGHQWV ZLOO OHDU
DQG KRZ DQG ZK\ LQVWUXFWLRQDO GHVLJQHUV QHHG WR N
GHWHUPLQLQJ ZKHWHU RU QRW SUREOHPV DUH EHVW DPH

IS 71/81 1HZ :RUOG 2UGHU &KDRV RU &RKHUHQFH" &UHGLW
7KLV FRXUVH H[SORUHV LGHDV RI RUGHU DQG KRZ WKH\ DS
WLP 8VLQJ WKHRULHV RI LQWHUQDWLRQDO UHODWLRQV
DFWRUV VKDSH WKH SULQFLSOHV DQG SUDFWLHV RQ ZKLF
DPRQJ WKH PDQ\ FKDOOHQJHV DQG GLVUXSWLRQV WKDW DU
LQWHUQDWLRQDO OLEHUDO RUGHU SRZHU VKLIWV DQG WH
ULVH DQG GHPLVH RI QRUPV LQ WKH LQWHUQDWLRQDO V\

PSYC80 +XPDQ)DFWRUV 3V\FKRORJ\ &UHGLW +RXUV
7KH DSSOLFDWLRQ DQG HYDOXDWLRQ RI SV\FKRORJLFDO SU
WR WKH GHVLJQ RI WRROV WHFKQRORJ\ DQG WKH ZRUN HO
DUH HPSKDVLV]HG 3UHUHTXLVLWHV 36<& 36<& DQG 36
SHUPLVLRQ RI WKH LQVWUXFWRU

PSYC86 +XPDQ &RPSXWHU ,QWHUFDWLRQ &UHGLW +RXUV
5HYLHZ RI WKH SK\VLFDO FRJQLWLYH DQG SHUIRUPDQFH F
WKH\ LQWHUFDW ZLWK PRGHUQ FRPSXWHU V\VWHPV (PSKD
SURFHGXUV IRU WKH DVVHVPHQW DQG HIIHFWLYH GHVLJQ
RI LQIRUPDWLRQ

APPENDIX C

Sano, Karen (G' (GXFDWLRQ \$GPLQLVWUDWLRQ DQG 3ROLF
:DVKLQJWRQ 8QLYHUVLW\ 3URIHVVRU RI (GXFDWLRQDO /HI
WKLQNLQJ LPSURYHPPHQW VFLHQFH HGXFDWLRQ

Foundation and Advanced Elective Faculty

Shetty, Sachin 3K' 0RGHOLQJ DQG 6LPXODWLRQ 2OG 'RPLQL
L x HP3URI, QAVR UDWWL B R G7HO, VQJFLG JH PQ, ODWRUHQ p D SHFLDOL]DWLRQ HDVWRU
DQG PRELOH VHFUXLW\ FRPSXWHU QHWZRUNLQJ QHWZRUN

Ning Rui, 3K' (OHFWULFDO &RPSXWHU (QJLQHULQJ 2OG
3URIHVVRU RI &RPSXWHU 6FLHQFH 6SHFLDOL]DWLRQ DUHD
SUHVHUYHG \$,

Mukamala Ravi, 3K' &RPSXWHU 6FLHQFH 8QLYHUVLW\ RI ,R
6FLHQFH 6SHFLDOL]DWLRQ DUHDV 6HFXULW\ DQG SULYDF\
VHFUXLW\ DDFHPPHQW FRHWURO DQG NH\ PDQDJHPPHQW

Handley, Holly 3K' ,QIRUPDWLRQ 7HFKQRORJ\ DQG (QJLQHULQJ
3URIHVVRU 6SHFLDOL]DWLRQ 'DWD 6FLHQFH +XPDQ 6

Payne, Brian 3K' &ULPLQRORJ\ ,QGLDQD 8QLYHUVLW\ RI 3
&\EHUVHF WZL,WW 6SHFLDOL]DWLRQ V\A W Q UHW W 6SHFLDOL]DWLRQ &\E

George, Adrian 3K' 6\ VWHPV (QJLQHULQJ 6\ VWHP 6FLHQFH
/RQGRQ 3URIHVVRU RI (QJLQHULQJ 0DQDJHPPHQW DQG 6\
&KDLU RQ 6\ VWHP RI 6\ VWHPV (QJLQHULQJ 6SHFLFL €QJLLD

\$33(1',; ' (03/2<0(17 '(0\$1' -2% \$11281&(0(176



78 C-1

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Undergraduate

Application Instructions:

Assistant
Job Class: C-18
The department of Information Systems and Engineering Science (IES) at The University of Toronto seeks applicants for non-tenured faculty positions in the broad areas of Cybersecurity and Information Systems. Successful candidates will have a Ph.D. in a related field and will have demonstrated research and teaching excellence. The department is currently seeking candidates in the following areas:
1. Cybersecurity: This area includes research in the design and analysis of secure systems, intrusion detection and response, and the application of security principles to emerging technologies such as cloud computing and mobile devices.
2. Information Systems: This area includes research in the design and analysis of information systems, the application of information systems to business and industry, and the study of the social and organizational aspects of information systems. Successful candidates will have a strong background in one or more of these areas and will have demonstrated research and teaching excellence. Applications should be sent to the Department of Information Systems and Engineering Science, 27 King's College Circle, Toronto, Ontario M5S 1A5. For more information, please visit our website at www.ies.utoronto.ca.

The University of Toronto is an equal opportunity institution. We are committed to creating a diverse and inclusive environment for all our students, faculty, and staff. We encourage applications from individuals of all backgrounds, including those with disabilities. For more information, please visit our website at www.utoronto.ca.
The University of Toronto is an equal opportunity institution. We are committed to creating a diverse and inclusive environment for all our students, faculty, and staff. We encourage applications from individuals of all backgrounds, including those with disabilities. For more information, please visit our website at www.utoronto.ca.

Assistant Professor/Professor

1. Develop and deliver high-quality instruction in the field of cybersecurity, including undergraduate and graduate courses. This involves creating syllabi, preparing lecture materials, and conducting classroom or online instruction. The role also includes providing mentorship and supervision to students, as well as participating in academic advising and career counseling.

2. Conduct research in the field of cybersecurity, focusing on areas such as network security, cryptography, and digital forensics. This involves identifying research opportunities, securing funding, and publishing findings in peer-reviewed journals and conferences. The role also includes participating in academic conferences and presenting research at industry events.

3. Collaborate with industry partners and other academic institutions to advance the field of cybersecurity. This involves participating in joint research projects, guest lecturing, and providing expertise to industry organizations. The role also includes serving on advisory boards and participating in industry committees.

4. Contribute to the development and improvement of the cybersecurity curriculum. This involves reviewing existing courses, identifying areas for improvement, and developing new courses. The role also includes participating in curriculum committees and providing input on program accreditation. Additionally, the role involves staying current on industry trends and emerging technologies to ensure the curriculum remains relevant and up-to-date.

5. Engage in professional development and stay current in the field of cybersecurity. This involves attending conferences, workshops, and seminars, as well as pursuing advanced degrees or certifications. The role also includes participating in industry organizations and professional associations, and contributing to the cybersecurity community through writing, speaking, and mentoring. Additionally, the role involves staying current on industry trends and emerging technologies to ensure the curriculum remains relevant and up-to-date.

6. Participate in the governance and management of the department and university. This involves serving on committees, providing input on departmental and university policies, and participating in strategic planning. The role also includes providing input on budgeting and resource allocation, and participating in the recruitment and hiring process. Additionally, the role involves staying current on industry trends and emerging technologies to ensure the curriculum remains relevant and up-to-date.

7. Monitor, maintain, and report on the quality and viability of the cybersecurity programs. This involves conducting regular assessments of program performance, identifying areas for improvement, and reporting findings to the appropriate stakeholders. The role also includes participating in accreditation processes and providing input on program quality. Additionally, the role involves staying current on industry trends and emerging technologies to ensure the curriculum remains relevant and up-to-date.

8. Oversee and contribute to the development of new courses related to cybersecurity. This involves identifying areas for new courses, conducting market research, and developing course proposals. The role also includes participating in curriculum committees and providing input on program accreditation. Additionally, the role involves staying current on industry trends and emerging technologies to ensure the curriculum remains relevant and up-to-date.

Job Description

Michigan State University is seeking a highly motivated and experienced individual to join our faculty in the Department of Computer Science and Engineering. The successful candidate will be responsible for teaching, research, and advising students in the field of cybersecurity. The position is a full-time, tenure-track position. The candidate should have a Ph.D. in Computer Science, Engineering, or a related field, and have a minimum of five years of professional experience in cybersecurity. The candidate should also have a strong background in teaching and advising students. The position is located in the Department of Computer Science and Engineering, Michigan State University, East Lansing, Michigan. For more information, please visit our website at <https://www.cse.msu.edu>.

Job Duties:

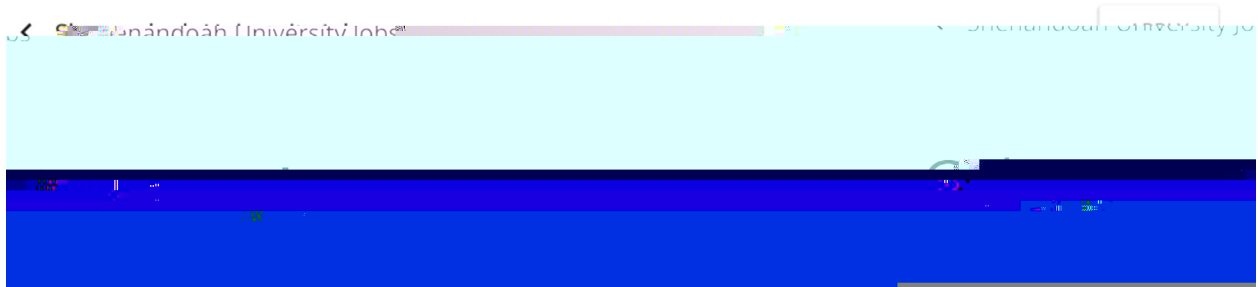
The successful candidate will be responsible for the following duties:

- Teaching and advising students in the field of cybersecurity.
- Conducting research in the field of cybersecurity.
- Developing and delivering lectures, seminars, and other educational programs.
- Supervising and mentoring graduate and undergraduate students.
- Participating in departmental and university activities.

Required Qualifications:

The candidate must have a Ph.D. in Computer Science, Engineering, or a related field, and have a minimum of five years of professional experience in cybersecurity. The candidate should also have a strong background in teaching and advising students. The position is located in the Department of Computer Science and Engineering, Michigan State University, East Lansing, Michigan. For more information, please visit our website at <https://www.cse.msu.edu>.

by the start of the 2024 Fall semester



Job Location

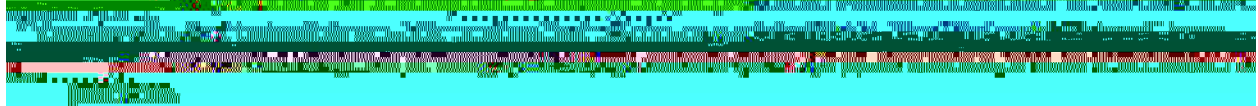
1460 University Drive, Winchester, Virginia

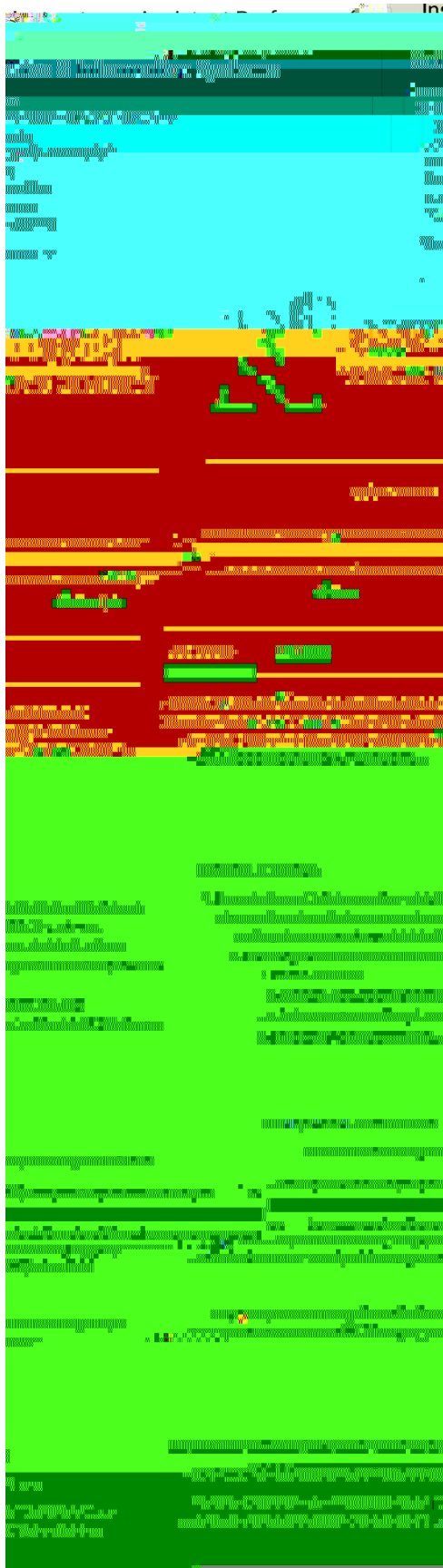
Tracking Code

Shenandoah University is seeking a dynamic and versatile individual with a pioneering spirit and a love of

aches and a diversity

Required Skills





Assistant Professor of Cybersecurity

Minnesota State University Moorhead

Job ID: 2023-0001

Posted: 07/08/2023

Category: Faculty

Apply Now

Apply Now

Apply Now

Apply Now

Apply Now

1

2

Apply Now

Apply Now

Apply Now

Apply Now

Apply Now

Apply Now

Salary Maximum: \$100,000

Salary Type: Annual

Bargaining Unit/Plan: 6003, FPU

Job Description:

- Teach courses related to cybersecurity, computer science, and Information Technology. The incumbent would be expected to teach courses that would include but are not limited to cybersecurity, computer science and Information Technology.
- Typical Teaching Load is 4.00-4.50

Apply Now

1

2

3

Apply Now

Other duties as defined by the collective bargaining agreement including:

- Demonstrated ability to teach effectively

Apply Now

Apply Now

Apply Now

Apply Now

Apply Now

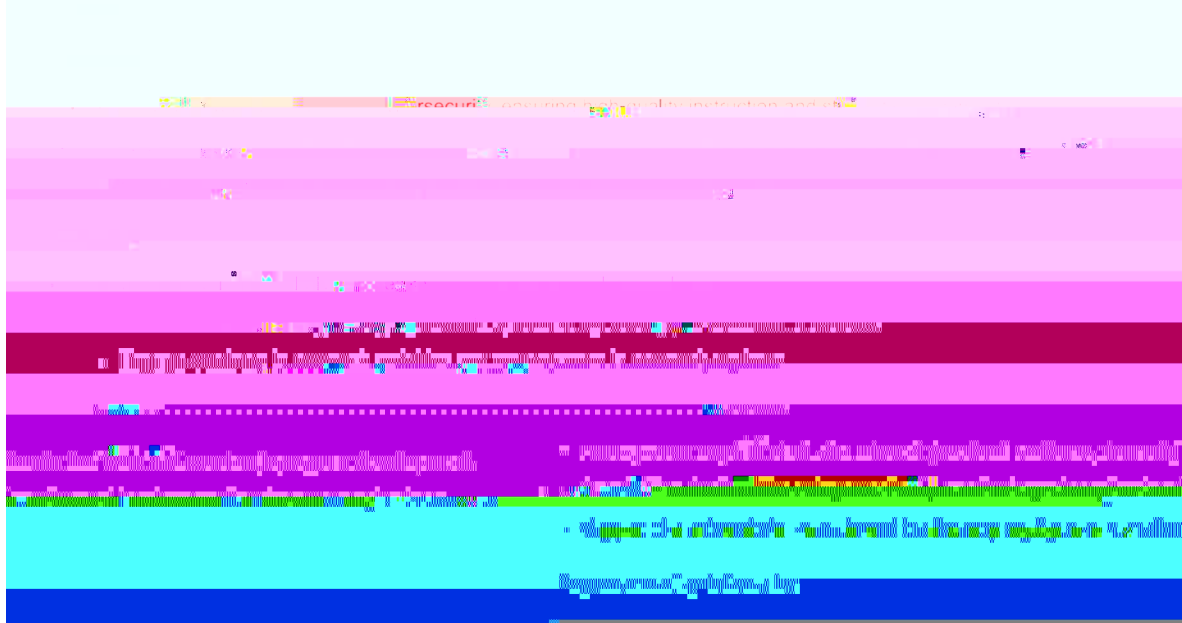
Cybersecurity Center Director and Assistant

Harris-Stowe State University
Saint Louis, MO

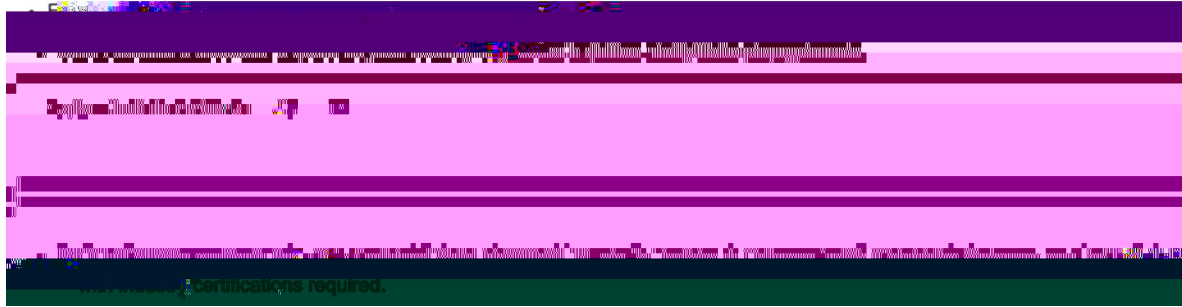


invites applications for the position of Cybersecurity Center Director & Assistant Professor. This is a full-time, permanent position. The position is located in the Department of Computer Science and Information Systems. The position is located in the Saint Louis, MO area. The position is located in the Saint Louis, MO area. The position is located in the Saint Louis, MO area.

research and other academic institutions to advance the field of cybersecurity.



- Organize and participate in outreach activities to promote cybersecurity awareness and education in the local community.



Senior Cyber Security Analyst

2023-09-20 10:30 AM - 11:30 AM
[Icons]

www.linkedin.com

Senior Cyber Security Analyst
The Cyber Security Analyst will be responsible for monitoring and analyzing network traffic, identifying and responding to security incidents, and implementing security controls. The Analyst will also be responsible for conducting vulnerability assessments and penetration testing, and for providing security awareness training to employees.

Goals and Responsibilities

Key Responsibilities

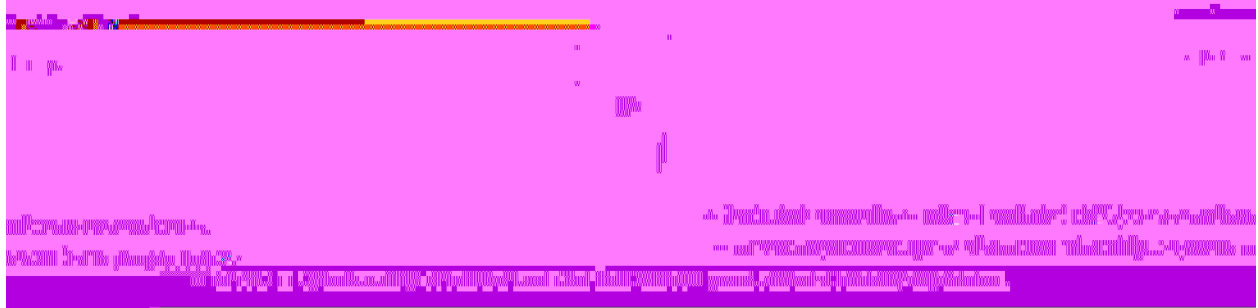
- Monitor and analyze network traffic for signs of malicious activity.
- Identify and respond to security incidents.
- Implement security controls.
- Conduct vulnerability assessments and penetration testing.
- Provide security awareness training to employees.

Senior Cyber Security Analyst
The Cyber Security Analyst will be responsible for monitoring and analyzing network traffic, identifying and responding to security incidents, and implementing security controls. The Analyst will also be responsible for conducting vulnerability assessments and penetration testing, and for providing security awareness training to employees.

awareness programs.

- Involved in a wide range of security issues including:

Senior Cyber Security Analyst
The Cyber Security Analyst will be responsible for monitoring and analyzing network traffic, identifying and responding to security incidents, and implementing security controls. The Analyst will also be responsible for conducting vulnerability assessments and penetration testing, and for providing security awareness training to employees.



Type: Full-Time

Posted: 02/21/2024

Category: Computer Science

Job Number: 20240000052912

APPLICATION INSTRUCTIONS:

Applicants should submit their resumes and cover letters to the following email address: hr@university.edu. Please include the job number in the subject line of the email. Applications will be accepted until the position is filled. Only those candidates who are invited for an interview will be notified. The university is an equal opportunity employer. Minorities and women are encouraged to apply.

JOB DESCRIPTION AND POSITION REQUIREMENTS:

The position is a full-time, permanent position. The incumbent will be responsible for teaching and supervising students in the field of computer science. The incumbent will also be responsible for conducting research and publishing in the field. The incumbent will be expected to maintain a high level of professional and scholarly activity. The incumbent will be expected to provide excellent customer service to students and faculty. The incumbent will be expected to participate in university activities and committees. The incumbent will be expected to maintain a high level of professional and scholarly activity. The incumbent will be expected to provide excellent customer service to students and faculty. The incumbent will be expected to participate in university activities and committees.

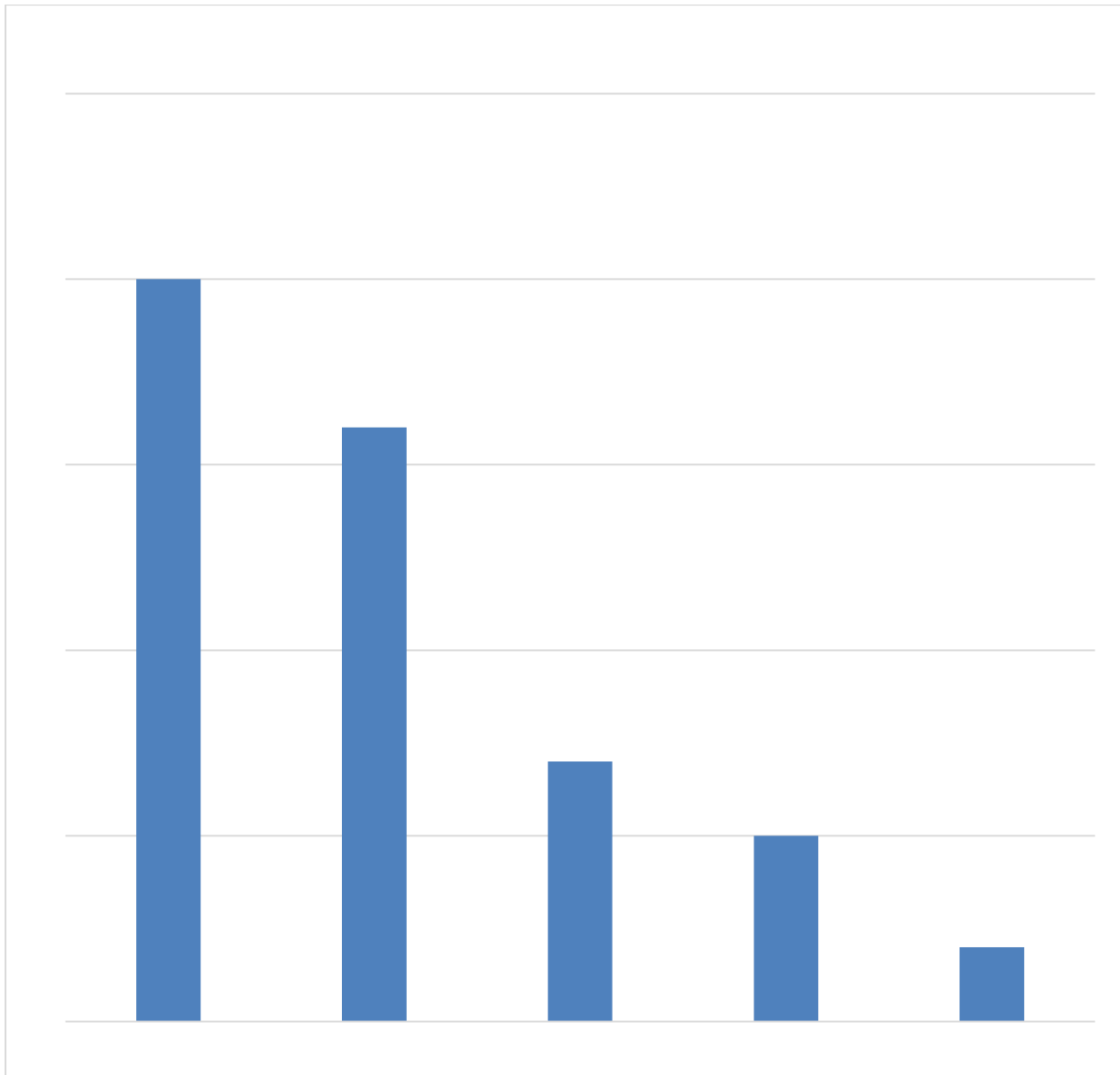
The position is a full-time, permanent position. The incumbent will be responsible for teaching and supervising students in the field of computer science. The incumbent will also be responsible for conducting research and publishing in the field. The incumbent will be expected to maintain a high level of professional and scholarly activity. The incumbent will be expected to provide excellent customer service to students and faculty. The incumbent will be expected to participate in university activities and committees. The incumbent will be expected to maintain a high level of professional and scholarly activity. The incumbent will be expected to provide excellent customer service to students and faculty. The incumbent will be expected to participate in university activities and committees.

Research/Scholarship: All faculty are expected to maintain a high level of professional and scholarly activity and service. Services: All faculty are expected to provide excellent customer service to students and faculty. The university is an equal opportunity employer. Minorities and women are encouraged to apply.

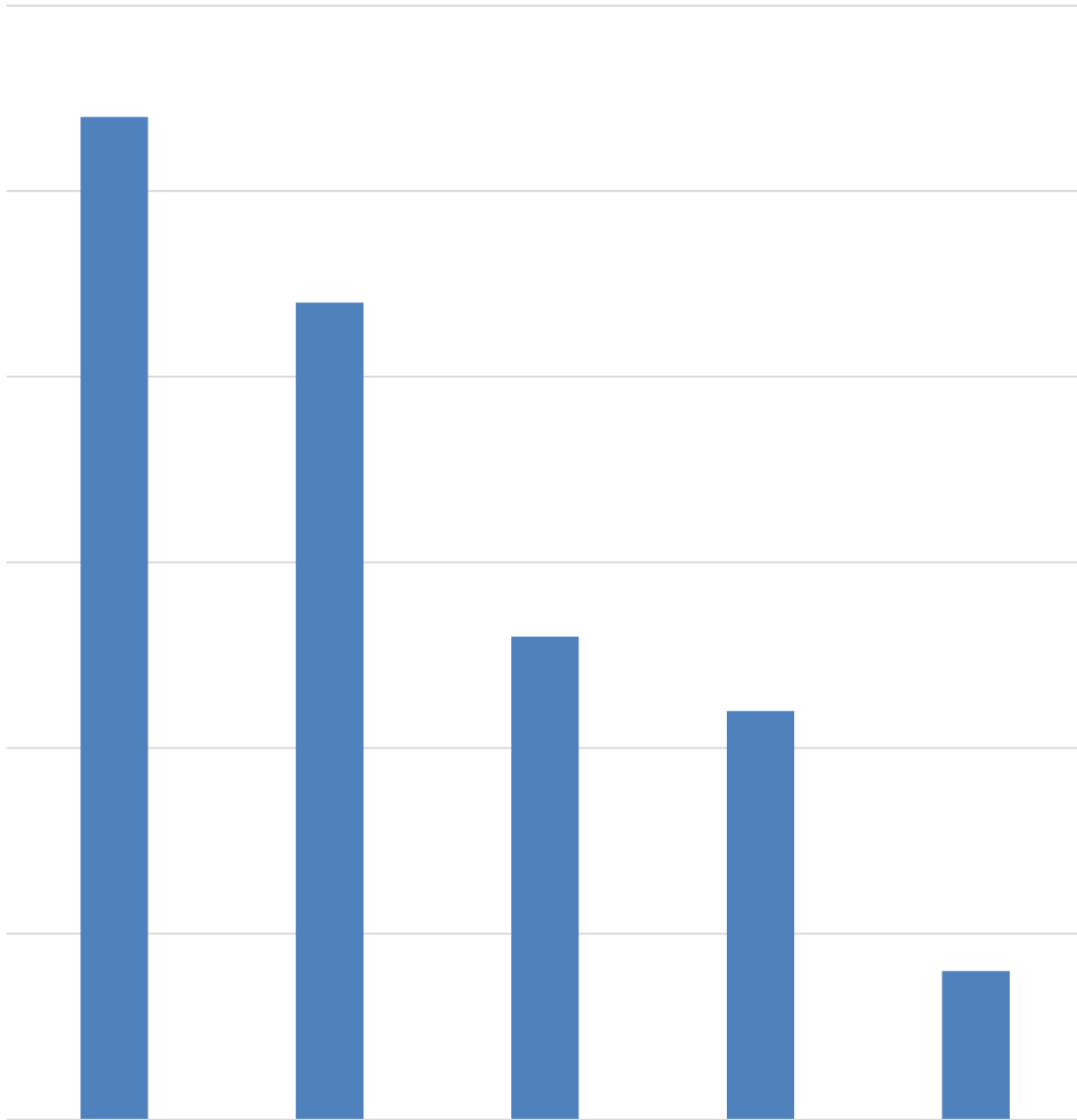
\$33(1',; (678'(17 '(0\$1' 678'(17 6859(<

What is your level of interest in pursuing a Doc S updf M ip S cu p ipipD o

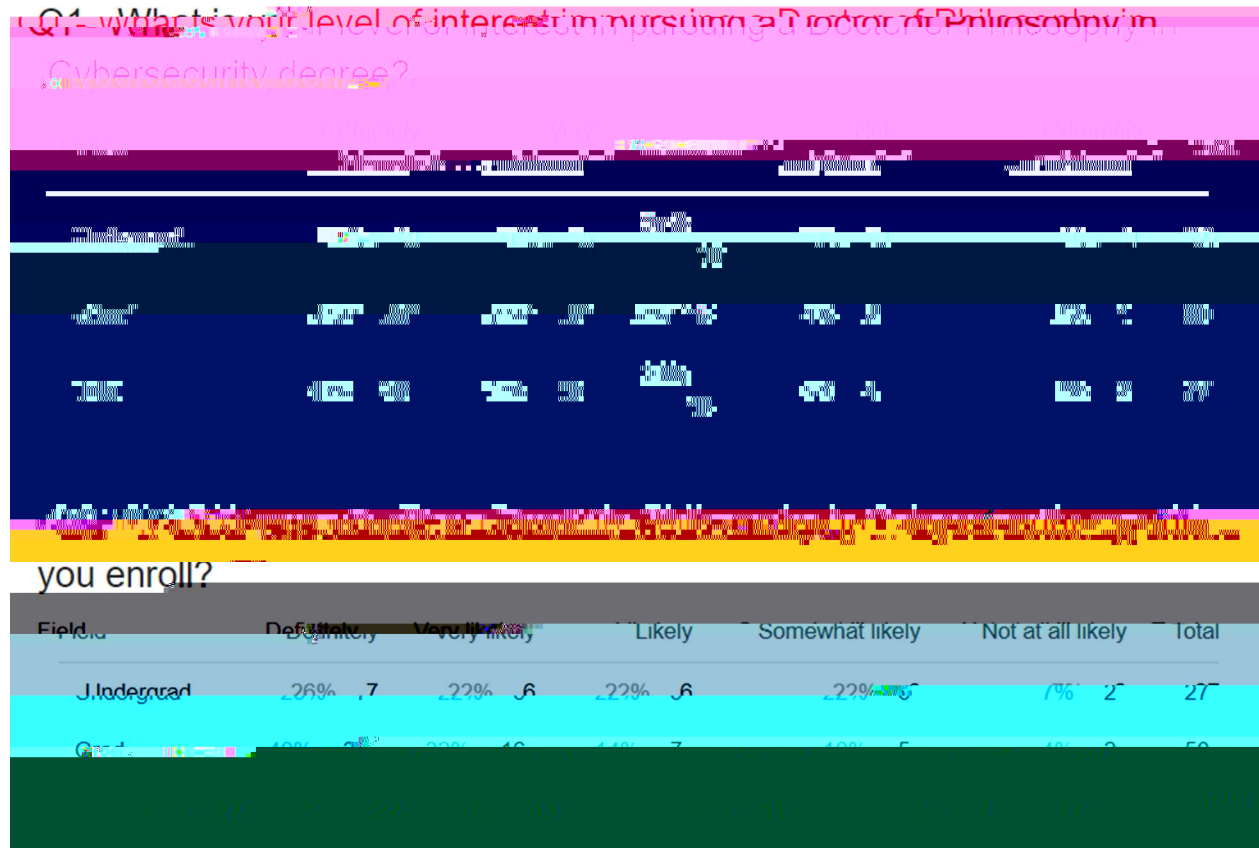
,I 2'8 ZHUH WR RIIHU D 'RFWRU RI 3KLORVRSK\ LQ &\EHUVHF
ODVWHU¶V VWXGHQWV Q



If ODU were to offer a Doctor of Philosophy in Cybersecurity, would you enroll? (all cybersecurity respondents, n=77).



Summary Responses



Could you please comment on how this Doctor of Philosophy degree in Cybersecurity

\$33(1',;) 8162/,&,7(' (0\$,/6 '(021675\$7,1* '(0\$1'

O  [\íææôOOQ,:îjÙôîj](#)

3ç " jX\îí... àÙ" ôè ô1æôXÙQPàÙQOQRÙíeÙXáPUÙ aÙ

- " í•àÙ‡í íô+Ùt

&OE } u|o|l|ò|>} μEX μ
^ v š W š μ OE Ç U u OE í ò U î î î î ó W ñ î W D
d } W Z] š š v U : i Á Z] š š D v > } EX μ
^ μ i š W • š] } v } μ š W Z

D • X t Z] š š v U

} μ o Ç } μ š o o u] (š Z OE] • v } v o] v W Z % o OE } P OE u š K h š Z š / } μ
Ç OE • μ OE] š Ç M / u μ OE OE v š o Ç o } } |] v P š } v š | } š ^ š š h v] Á OE •]
h v] Á OE •] š Ç } (š Z μ u OE o v • ~ / v (} OE u š] } v d Z v } o } P Ç • X / - u o v] v P
u] v } v š] v μ] v P š K h] (š Z OE Á • v } % š] } v š Z š Á } μ o (] š X

d Z v l Ç } μ J , } % o Ç } μ Z À D OE OE Ç Z OE] • š u • J

r r

OE Ç } v D] o o OE

Ç OE • μ OE] š Ç Z] • l D v P u v š OE š] (] š ^ š μ v š

From [REDACTED]