

' ,67\$1 & ( / (\$51,1 \* ,1  
 + , \* + (5 ( ' 8&\$7,21

3URGXFHG E\ 7+( ,167,787( )25 + , \* + (5 ( ' 8&\$7,21 32 / , & < IRU WKH &RXQFLO IRU +LJKHU (GXFDWURO \$FFUHGNDWURO )HEUXDU\

Q \$SULO *Assuring Quality in Distance Learning:  
 A Preliminary Review* D UHSRUW SUHSDUHG IRU WKH  
 &RXQFLO IRU +LJKHU (GXFDWURO \$FFUHGNDWURO &+ (\$  
 E\ 7KH ,QVWLWXWH IRU +LJKHU (GXFDWURO 3RQLF\ H[DPIQHG  
 WHFKQRORJ\ PHGIDWHG GLVNDQFH (HDUQLQJ IQ KJJKHU  
 HGXFDWURO DQG WKH SRQLF\ TXHVVLRQV IWW JURZWK KDV  
 UDIVHG ' LVNDQFH (HDUQLQJ IV DQ H[FUWLQJ FRPSRQHQRW RI  
 SRVWHFRQGDU\ HGXFDWURO SURYLGLOJ RSSRUWXQLWLV WR  
 H[SDQG WKH UHDFK RI HGXFDWURO DQG FKDOJH IWW LPSDFW  
 %XW EHFDXVH WKH WHFKQRORJ\ WKDW IV LQYROYHG IV HYHU  
 FKDOJLOJ IWW IV QHFHVVDU\ WR UHH[DPIQH WKH LVXHV IURP  
 WLPH WR WLPH 7KLV QDUUDWLYH SURYLGHV DQ XSGDWH WR WKH  
 IQIRUPDWURO DQG LVXHV GLVFXVHG IQ WKH UHSRUW ,W IV  
 DQWLFLSDWHG WKDW DGGWLRQDO XSGDWHV ZLOO EH SXEOLVKHG  
 DSSUR[LPDWH\ HYHU\ VL[ PROWKV

IN THIS ISSUE:

7+( ; 3\$1' ,1 \* 81,9(56( 2)

' ,67\$1 & ( / (\$51,1 \*

' ,67\$1 & ( / (\$51,1 \* \$&7,9,7,(6

5(\$87+25,=\$7,21 2) 7+( + , \* + (5 ( ' 8&\$7,21 \$&7  
 2)

,17( // (&78\$ / 3523(57<

,1,7,\$7,9(6 5( / \$7( ' 72 ' ,67\$1 & ( / (\$51,1 \*

THE EXPANDING UNIVERSE  
 OF DISTANCE LEARNING

Computer Growth

\$FFRUGLOJ WR D VXUYH\ E\ =' ODUNHW ,QWHUOJHQFH  
 DSSUR[LPDWH\ PLOURO KRPHV<sup>3</sup> KDO RI DO 8 6  
 KRXVHKROGV<sup>3</sup> QRZ KDYH DW (HDVW ROH SHUVRQDO FRPSXWHU  
 /RZ SULFHV DQG D GHVLUH WR EH UONHG WR WKH ,QWHUOHWLGURYH  
 QHDU\ PLOURO EX\HUV WR SXUFKDVH WKHU IUVW SHUVRQDO  
 FRPSXWHUV IQ WKH IUVW KDO RI \$ VHD FKDOJH DSSHDUV  
 WR EH RFXUULQJ DPRQJ SHRSOH RI PRGHVW PHDQV  
 &XUHQW\ KRXVHKROGV ZLWK DQXDO IQFRPH RI (HV WKDO  
 PDNH XS D TXDWHU RI 3& HTXLSSHG KRXVHKROGV  
 \HW WKH\ DFFRXQW IRU D WKLUG RI DO QHZ 3& SXUFKDVHV IQ  
 \$FFRUGLOJ WR FRPPHQDWIRU \$QGUH Z \*DW WR JDXJH  
 D FRPSDUDEH SRWHQWDO LPSDFW RO 8 6 VRFHW\ ROH KDV WR  
 JR EDFN WZR JHQHUDWUROV WR ZKHQ DFFHW WR WHGHYVIRQ  
 EHFDPH ZIGHVSUHDG DQG IRXU JHQHUDWUROV WR ZKHQ WKH  
 QXPEHU RI PRWRU YHKLFHV RI DO WASHV KLV ILYH PLOURO

The 1998 National Survey of Information Technology in  
 Higher Education

7KH &DPSXV &RPSXWLOJ 3URMHFW ZKLFK IRFXVHV RO WKH  
 XVH RI IQIRUPDWURO WHFKQRORJ\ IQ KJJKHU HGXFDWURO UHFHQW\  
 UHGHVHG WKH UHVXQW RI IWW QLQW DQXDO &DPSXV &RPSXWLOJ  
 6XUYH\ &RQGXFWHG GXULQJ WKH VXPPHU RI DQG  
 EDVHG RO GDWD SURYLGHG E\ RIILFDW DW WZR DQG IRXU  
 \HDU FROFHJV DQG XOLYHUVLVHV DFURVV WKH 8QWVHG 6NDWHV WKH  
 VXUYH\ UHYHDOV WKH IRORZLOJ ILOGLOJ

- 7RS IQIRUPDWURO WHFKQRORJ\ FKDOOHQJHV  
 FROUHQWLOJ FROFHJV DQG XOLYHUVLVHV IQFOXGH  
 KHOSLOJ IDFXQ\ IOWHJUDWH WHFKQRORJ\ IQWR  
 IQVWUXFWURO SURYLGLOJ DGHTXDWH XVHU VXSSRUW  
 DQG IODQFIDO SDQQLQJ IRU IQIRUPDWURO  
 WHFKQRORJ\

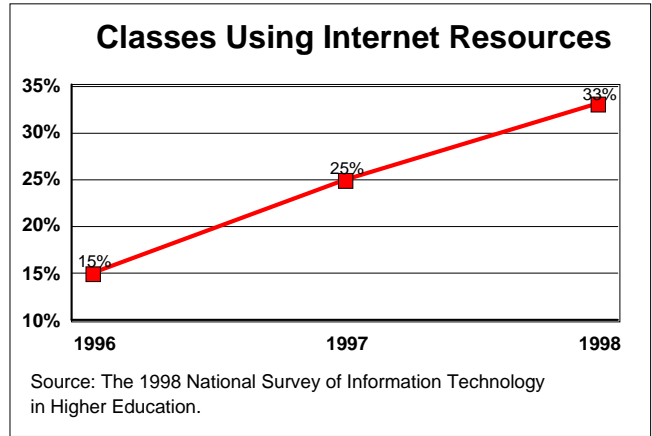
■ ORUH FROHJH FRXUVHV DUH XVLOJ WHFKQRORJ\ 7KH SHUFHQW DJH RI FODVVHV XVLOJ H PDLOLFUHDVHG WR SHUFHQW IQ XS IURP SHUFHQW IQ SHUFHQW IQ DOG WKV SHUFHQW IQ

■ ZQH WKLVG RI DOFODVVHV DUH XVLOJ ,QWHUQHWHUVRXUFHV DV SDUW RI WKH V\ODEXV FRPSDUHG ZLWK SHUFHQW IQ DOG SHUFHQW IQ \$OPRVW ROH IRXUWK RI DOFROHJH FRXUVHV DUH XVLOJ : RUOG : IGH : HE : : : SDJHV IRU FODV PDWULDOV DOG UHVRXUFHV FRPSDUHG ZLWK SHUFHQW IQ DOG RQ\ SHUFHQW IQ

■ ,W IV HWLDPDWHG WKDW SHUFHQW RI XOGHUJUDGXDWV VWXGHQW XVH WKH ,QWHUQHWH DW GHVW ROFH D GD\ FRPSDUHG ZLWK SHUFHQW RI WKH IDFXOM %RWK WKH VWXGHQW DOG IDFXOM SHUFHQW DJHV DUH KLJKHVW IQ UHVHDUFK XQYHUVULHV RYHU SHUFHQW IRU ERWK JURXSV ,Q FROUDVW SHUFHQW RI WKH VWXGHQW DOG SHUFHQW RI WKH IDFXOM IQ FRPPXQLW FROHJHV KDYH GDLO FROUDVW ZLWK WKH ,QWHUQHWH DOG WKH : : :

■ )RUM VL[ SHUFHQW RI WKH LOVWLWXULROV IQ WKH VXUYH\ UHSRUW D PDQGDWRU\ VWXGHQW IQ IRUPDLRO WHFKQRORJ\ IHH XS IURP SHUFHQW IQ DOG SHUFHQW IQ

■ ' HVSUWH WKH JURZLQJ IPSRUWDQFH RI LOVWLWXULROV SURSHUW ULJKW RQ\ SHUFHQW RI SXEOLF IRXU \HDU FROHJHV DOG SHUFHQW RI FRPPXQLW FROHJHV KDYH LOVWLWXULRODO SRQFLHV DERXW ZHE EDVHG LOVWLWXULRODO SURSHUW DOG RQ\ SHUFHQW RI IRXU \HDU SULDWH FROHJHV KDYH DGGUHVHG WKH LVVXH ,Q FROUDVW SHUFHQW RI SXEOLF XQYHUVULHV DOG SHUFHQW RI SULDWH XQYHUVULHV UHSRUW VRP H WSH RI

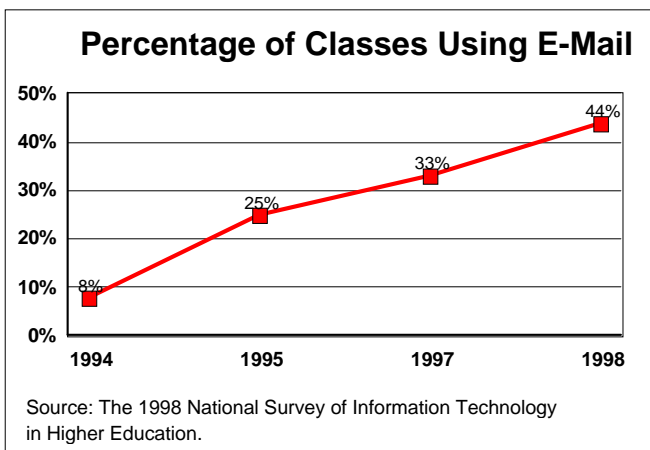


SRQFX DGGUHVWLQJ IDFXOM GHYHORSHG LOVWLWXULRODO SURSHUW RQ WKH FDPSXV ZHE VWVH

■ \$FURV DO VHFWRUV RI KLJKHU HGXFNLRO D JURZLQJ QXPEHU RI LOVWLWXULROV DUH XVLOJ WKH : : : WR SURYLGH DFFHW WR DGPLWLROV IRUPV ILQDQFLDO DLG DSSOLFNLROV FRXUVH FDIORJIV DOG UHODWHG PDWULDOV

**Explosion of High Speed Networks**

7KH QRZ IDPLQDU ,QWHUQHWH ZKLFK DFRPPRGDWHV PLQROV RI : HE VXUHVU WR DOG IURP FRPPHUFDO JRYHUQPHQW DOG XQYHUVULW VWVH DURXQG WKH ZRUOG IV IQFUHDVLOJ\ EHLQJ FDOHG WKH 'FRPPRGUW ,QWHUQHWH WR GLVLOJXLVK IW IURP VHYHUDO HPHUJLQJ KLJK VSHHG QHWZRUV ,Q DGGULRO WR XVLOJ WKH ,QWHUQHWH PRUH DOG PRUH KLJKHU HGXFNLRO LOVWLWXULROV DUH EHLQJ KRRNHG XS WR D QHZ JHQHUDLRO RI QHWZRUV ZKLFK DOOZ UHVHDUFKHUV WR WUDQVPLW GDWD DW VSHHG WR WLPHV DV IDV DV WKRVH RI WRGD\ ,QWHUQHWH ,QWHUQHWH 3 D FROVRULXP RI FROHJHV DOG XQYHUVULHV RUJDQ]HG WR GHYHORS XVHV IRU KLJK VSHHG QHWZRUV DOG EXLQJ EHWUHU QHWZRUV WHFKQRORJHV<sup>3</sup> IV DO DFWLYH SDULFSDOM IQ WKLV LOVLDWHYH 7KH IRORZLQJ H[DPSONH RI KLJK VSHHG QHWZRUV SURYLGH D IDYRU RI WKLV HPHUJLQJ SKHQRPHQRO



■ Very-high-performance Backbone Network Service (vBNS). 2SHUDWHG E\ WKH 1DWLRQDO6FLHQFH )RXQGDULRO 16) WKH Y%16 IV XVHG E\ LOVWLWXULROV ZKLFK KDYH UHFHLYHG WZR \HDU 'KLJK SHUIRUPDQFH FROQHFWLROq JUDQW RI WR FRYHU WKH FRVW RI FROQHFWLROJ WR WKH QHWZRUV 7R ZLQ D JUDQW DO LOVWLWXULRO P'XV VXEPLW D SURSRVDO VKRZLQJ ZDV IQ ZKLFK IW IDFXOM PHPEHUV SDQ WR XVH WKH FROQHFWLRO IRU UHVHDUFK

■ Abilene 2SHUDWHG E\ ,QGIDOD 8QYHUVULW WKH \$ELOHQH QHWZRUV<sup>3</sup> VFKHGXDHG WR EHLQ IQ -DOXDU\ 3 IV IDVWU WKDO Y%16 DOG IV H[SHFWHG WR

RSHUDWH DV D UHVHDFK RQA QHWZRUN IRU DW  
OHDVW ILYH \HDUV 80QNH Y%16 DQG RINKHU  
QHWZRUNV ZKLFK VKDUH ZIUHV ZLWK WKHU  
FRPPHUFDO DQG UHVHDFK WDJILF \$ELOHQH  
WJYHUV RQ D ZIWH DO LW RZQ<sup>3</sup> D VIQJH  
KDLU WKLO VWJDQG RI ILEHU RSNLF FDECH 7KH  
16) DORZV XOLYHUVLHV WR XVH WKHU KLJK  
SHUIRUPDQFH FROQHFWLRO JUDQW WR SD\ IRU  
FROQHFWLROV WR HUKHU Y%16 RU \$ELOHQH

■ Gemini2000. ,Q -DQXDU\ ; & &RPP  
XQLFDLROV DQORXQFHG D QHZ KLJK VSHHG QHWZRUN  
FDQHG \*HPIQL WKDW ZLW VHUYH FRPPHUFDO  
FXVWRPHUV DQG XOLYHUVLHV ; & SODQ WR VHN  
16)-V FHUWILFDLRO WR DORZ XOLYHUVLHV WR XVH WKHU  
JUDQW WR FROQHFWLRO \*HPIQL

■ Qbone ,Q ' HFHPEHU WKH ,QHUQH  
FROVRUNXP XQYHOGH D SURRHFWR KHIS UHVHDFKHUV  
FRODERUDWH DFURVV PXOWSOH KLJK VSHHG QHWZRUNV  
DQG XVH DGYDQFHG DSSQLFDLROV VXFK DV YLWXDOUHDQW  
DQG YLGHFRROIHUHQFLOJ 4ERQH VKRUVIRU TXDQW  
RI VHUYFH EDFNERQH ZLW DORZ QHWZRUNV VXFK DV  
Y%16 DQG \$ELOHQH WR IDYRU FHUNDLQ WASHV RI WDJILF  
RYHU RINKHUV 7KLV LQVLDWLYH LV QHFHVVDU\ WR HOVXUH  
WKDW DGYDQFHG DSSQLFDLROV DUH QRW IPSHGHG  
EHFDXVH RI WKH DPRXQW RI RINKHU FRPPXQLFDLROV  
WJDIILF 4XDQW RI VHUYFH WHFKQRORJ\ ZLW DORZ  
QHWZRUN DGPLQVWUDWRUV WR DWLQJ D KLJK SULRULW  
WR VPRH LQIRUPDLRO WKHUHIRUH JLYLQJ LW D FQHDU SDWK  
WKURXJK WKH QHWZRUN ZKLOH ORZHU SULRULW  
FRPPXQLFDLROV ZDLW WKHU WXUQ

Internet Corporation for Assigned Names and Numbers  
7KH IHGHUOJRYHUQPHQW ZKLFK RYHUHVHV WHFKQLFDOIXQFWLROV  
RI WKH RSHUDLROV RI WKH ,QHUQH SODQ WR WJYHUV LW  
DXWKRUW\ WR DQ LQHUQDWRRODQ RQ SURILW ERG\ 7KH ,QHUQH  
&RUSRUWLRO IRU \$WLJQH 1DPHV DQG 1XPEHUV ,&\$ 1 1  
LV WKH IURQW UXQQHU IRU WKH IRE ,Q 1RYHPEHU  
,&\$ 1 1 KHG D PHHWLQJ RI EXVIQHV OHDGHUV VFKRODUV  
DQG RINKHUV WR GIVFXW KRZ WKH RUJDQL]DLRO VKRXIG EH  
VWUXFWXUH ZKR VKRXIG EH RIHUHG PHPEHUVKIS LQ LW DQG  
KRZ RSHQ WR WKH SXELF LW SURFHGHQJ VKRXIG EH 6KLUWQJ  
FROWRORYHU QHWZRUN RSHUDLROV KDV EHHQ XQGHU GIVFXWLRO  
IRU PRUH WKDQ WZR \HDUV

1 HWZRUN RIILFDW DW FROHJHV DQG XOLYHUVLHV DUH FROFHUQH  
DERXW WKH VIDEOLW RI ,QHUQH RSHUDLROV UHJDUGHHV RI ZKR  
WNVH FROWRU ,Q DGGULRO WKHUH LV VPRH DSSUHKHOVLRO  
UHJDUGLQJ KRZ PDQ\ QHZ NLOGV RI ,QHUQH DGGUHVHVH WKH

QHZ JURXS ZLW DORZ &XUHQW\ WKHUH DUH VHYHQ PDNRU  
GRPDLOV RQ WKH ,QHUQH HDFK UHSUHVHQWLG E\ D WUHH OHHU  
H[WHQVRO VXFK DV FRPμ DQG HGX μ 7KHUH LV SUHVXUH WR  
FUHDWH QHZ GRPDLOV VXFK DV EL]μ DQG DUW μ

8QWLO D FROVHOVXV LV UHDFKHG UHJDUGLQJ ,&\$ 1 1 WKH  
WHFKQLFDO ZRUNLQJV RI WKH ,QHUQH ZLW FROWLQX DV WKH\ KDYH  
WKXV IDU ,Q 2FWREHU WKH IHGHUOJRYHUQPHQW DJUHHG  
WR D WZR \HDU H[WHQVRO RI LW FROWLQX ZLW 1 HWZRUN  
6RDXLROV WKH FRPSDQ\ WKDW PDODJHV DGGUHVHVH HQGLQJ LQ  
' HGX μ ' FRP μ ' QHW μ DQG ' RUJ μ 7KH FROWLQX VWLXQDWHV  
KRZHYHU WKDW WKH FRPSDQ\ RSHQ WKH DGGUHVH UHJLVWDLRO  
EXVIQHV WR FRPSHWLROV E\ WKH VXPPHU RI DQG WKDW LW  
WJYHUVH WHFKQLFDO FROWLRO WR D JURXS QNH ,&\$ 1 1 E\ ODUFK

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### DISTANCE LEARNING ACTIVITIES

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,Q WKH HYHU FKDQJLQJ PRVDF RI WKH GLVNDQFH OHDUQLQJ  
XOLYHUVH QHZ HGXFDLRODQ SURYGHUV DUH EHLQJ ERUQ  
WHFKQRORJ\ LV EHLQJ XSJUDGHG WRWZDUH LV EHLQJ GHYHORSHG  
DQG DDLQFHV DUH EHLQJ IRUPHG DOPRVW RQ D GDLO EDLV 7KH  
IRORZLQJ H[DPSSHV ZKLFK UHGHFW WKH YDULHW RI LQVLDWLYH  
DQG DFWLYLHV UHODWHG WR GLVNDQFH HGXFDLRO PD\ KHIS  
UHDGHUV JUDVS WKLV DFFHOHUDWLOJ SKHQRPHRO

Western Governors University  
,Q 1RYHPEHU : HWHUQ \*RYHUQW 8QYHUVLW\  
DQORXQFHG WKH FUHDLRO RI D GLVNDQFH HGXFDLRO FROVRUNXP  
ZLWK WKH \$PHULFDQ DUP RI %LWLVK 2SHQ 8QYHUVLW\ 7KH  
QHZ RUJDQL]DLRO FDQHG WKH \*RYHUQW 2SHQ 8QYHUVLW\  
6\WHP ZLW DORZ VWXGHQW HOURS LQ HUKHU LQVWXLRO WR  
WNVH FRXUVH WKURXJK WKH RINKHU

Southern Regional Electronic Campus  
7KH 6RXWKHUQ 5HJLRODQ (GXFDLRO %RDUG D FROVRUNXP RI  
VRXWKHUQ WJYHUV HVLDPDWHV WKDW WKH PRUH WKDQ  
FROHJHV DQG XOLYHUVLHV WKDW PDNH XS WKH ERDUG-V 6RXWKHUQ  
5HJLRODQ (HFWLROF & DPSXV HOURS LQ VWXGHQW LQ  
GLVNDQFH HGXFDLRO FRXUVH DV RI 1RYHPEHU 7KH  
(HFWLROF & DPSXV EURNHUV PRUH WKDQ FRXUVH DQG  
SURJUDPV WKURXJK GLVNDQFH HGXFDLRO

University of Florida Brain Institute  
7KH 8QYHUVLW\ )ORULGD %JDLQ ,QVWXLW\ DQORXQFHG WKH  
RSHQ LQ RI DQ DQ GLJLWDO PHGLFD WHFKQRORJ\ FQWU  
' DWDEDVH LPDJHV LQWUDFWLYH WHDFKLQJ GLVNDQFH OHDUQLQJ

VXUJLFDWUDLQLOJ DOG SDOQLQJ ZLWDO EH SDUW RI WKH FHOXHU-V IXQFWLRQV 5HVHDFKHUV DFURVV WKH FRXQW\ ZLW EH DEOH WR WHDFK DOG EH WDXJKW WKURXJK WKH ,QVWLWXN-V YLGR

Real Education

/RFDWLG IQ ' HOYHU 5HDO (GXFDWLRQ SURYLGHV WKH GHVLJQ FROVUXFWLRQ DOG PDQDJPHQW RI RQLOH FDPSPXVHV ,WKD JURZO WR EH WKH DUJHW RQLOH HGXFDWLRQ WHFKQRORJ\ SURYLGHU IQ WKH ZRUG 5HDO (GXFDWLRQ HPSORV SHRSOH<sup>3</sup> XS IURP MKWV D \HDU DJR<sup>3</sup> DOG H[SHFW WR KLUH PRUH ZLWK DORWKHU \HDU 5HDO (GXFDWLRQ ZDV UHFHQW\ DZDUGHG D PLWRO JUDQW IURP WKH 8 6 ' HSDUWPHQW RI &RPPHUFH-V 1DWRODO ,QVWLWXN RI 6WDOGDUGV DOG 7HFQRORJ\ 1,67 WR KHOS GHYHORS D 5HDO \$GDSWLYH ,QVWLWXQW /HDUQLQJ 6\VMHP 5\$,/6 7KH LQWHQW RI 5\$,/6 IV WR DGGUHV WKH QHHG IRU D FRWV HIIHFWLYH DOG HILFHQW ZD\ IRU ORQ SURJUDPPHUV WR FUHDW LQIRUPDWLRQ ULFK DOG LQVHUWLYH RQLOH FRXUVHV 2QH IHDWXUH RI 5\$,/6 DORZV WKH 6\VMHP WR DXWRPDWLFDO\ SURYLG FXVWRP\JHG LQVUXFWLRQ WR HDFK VIXGHQW WKURXJK WKH XVH RI LQVWLWXQW V\VMHPV 7KH 6\VMHP ZLW GHYHORS DQ LQVHUQDO PRGHWKDW ZLW DXWRPDWLFDO\ GHQYHU LQVUXFWLRQDO FROVHQWIDORUHG WR WKH QHDUQH-V QHHGV 7KXV VIXGHQW ZKR QHHG DGGWLRQDO KHOS RQ D VSHFLILF WRSIF ZLW EH GLUHFWHG WR DSSURSULDW FROVHQW ZKLOH DGYDQFHG VIXGHQW ZLW EH RIIHUHG DQ DQVHUQDW IRUPDWWKDW ZLW HQDEOH WKHP WR E\SDV FROVHQW ZKHUH WKH\ KDYH DQJHGD\ GHPROVUDWLG PDVWU\

Kansas State University

. DOQDV 6WDOH 8QLYHUVW\ KDV UHFHLYHG D WCUHH \HDU JUDQW IURP WKH )XQG IRU WKH ,PSURYHPHQW RI 3RWWFROGDU\ (GXFDWLRQ ),36( WR IXQG IDFXQW WUDLQLOJ IRU WKH UHYLVIRO RI FXUJLFXOP IRU RQLOH GHQYHU\ RI LQVUXFWLRQ 6L[W\ VL[ VFLHQFH DOG PDWFKPDWLFV IDFXQW ZLW UHYLW WKHU RQ FDPSPXV FRXUVHV IRU GLVNDQFH QHDUQLQJ DOG ZLW GHVLJQ PRWV RI WKH FRXUVHV IRU WKH ,QVHUQHW DOG & ' 520

California Virtual University

7KH &DQIRUQLD 9LWDXDO 8QLYHUVW\ &98 FRPSRVHG RI PRUH WKDQ ORQ SURILW DOG SXEUF FDPSPXVHV IQ WKH VNDW HVLPDWHG WKDW E\ WKH HQG RI VIXGHQW SDUWLFSDWLG IQ RQLOH FRXUVHV IQ &DQIRUQLD DQKRXJK ORW QHFHVVDU\ WKURXJK &98

Cable and phone companies

&DEOH DOG SKROH FRPSDQLHV DUH DJJUHVVLYH\ DQVHPSWLOJ WR HQWU WKH PDUNHW IRU ,QVHUQHW DFFHV HQPLQDWLOJ WKH QHHG IRU GLDO XS PRGHPV 2YHU WKH QH[W \HDU KXOGUHG RI DGGWLRQDO FRPPXQLWV ZLW EH VHUHG E\ KLJK VSHHG FDEOH PRGHP VHUWLFH DW SULFHV RI DEXW D PROW IQ DGGWLRQ

WR WKH QRUPDO FDEOH ELW 7KH WHHOSKROH FRPSDQLHV DUH SXVKLOJ WKHU RZQ KLJK VSHHG DQVHUQDWLYH WHUPHG ' LVNDQ 6XEVFULEHU /IQH ' 6/ \$QKRXJK WKHVH WHFKQRORJHV ZLW WLO UHDFK RQ D VPDOO PLQRUW RI KRPHV WKH PRPHQW IV JURZLOJ

New York University

1HZ <RUN 8QLYHUVW\ 1<8 KDV HWDQVKG D IRU SURILW VXEVLGDU\ NORZO DV 1<8 20 IQH ,OF 7KH VXEVLGDU\ ZLW PDUNHW HGXFDWLRQDO FRXUVHZDUH RYHU WKH ,QVHUQHW WR RUKHU LQVWLWXLRQV FRUSRUDWLRQV DOG VIXGHQW ZKR SUHUU WKH IQH[LELQW RI QHDUQLQJ RQLOH -RLOQJ D JURZLOJ QXPEHU RI LQVWLWXLRQV WKDW YLHZ RQLOH QHDUQLQJ DV D SRVHQWDO UHYHQXH VRXUFH 1<8 ZLW PDUNHW ORQ FUHGW FRXUVHV RYHU WKH ,QVHUQHW WR FRUSRUDW WUDLQLOJ SURJUDPV RU LQGLYLGXDW IQ QHHG RI FROVLOJ HGXFDWLRQ 1<8 IV SDUWLOJ ZLW SXEUVKHUV DOG PHGLD FRPSDQLHV IRU FRXUVH GHYHORSPHQW ,QVNDQ FRXUVHV ZLW EH IQ UHDO HWDW ILQDQFH DOG LQIRUPDWLRQ 6\VMHPV PDQDJPHQW

Sylvan International Network

6\YDQ /HDUQLQJ 6\VMHPV ,OF D SXEUF\ WJG HGXFDWLRQDO SURYLGHU EDVHG IQ %DQWPRUH ODV\DOG KDV UHFHQW\ DQQRXQFHG SDOV WR IRXQG DQ LQVHUQDWLRQDO QHWZRUN RI SULYDWH IRU SURILWFRORJHV 6\YDQ KDV ORQJ EHHQ D QHDGHU IQ GLVNDQFH EDVHG HGXFDWLRQ VIXGHQW WHVLUJ DOG UHPHGLD HGXFDWLRQ &RPPHOFLOJ ZLW WKH SXUFKDVH RI 8QLYHUVW\ (XUSD RI ODGULG D VIXGHQW SULYDWH IRU SURILW XQLYHUVW EDVHG IQ ODGULG 6SDIQ 6\YDQ SDOV WR H[SDQG LW KRGLQJV E\ PRYLOJ LQW WKH LQVHUQDWLRQDO PDUNHW ,I DQJRHV DV SDOQHG 6\YDQ 3UHVGHQW ' RXJOD %HFNU KRSHV WR H[SDQG WKH QHWZRUN ZLW WKH DFTXVWLRQ RI DORWKHU RU WR (XURSHQ LQVWLWXLRQV -RVHSK ' XHH\ IRUPHU\ ' UHFWRU RI WKH 8 6 ,QIRUPDWLRQ \$JHQ\ DV ZHO DV 3UHVGHQW RI \$PHULFDQ 8QLYHUVW DOG WKH 8QLYHUVW RI ODVDFKXVHW \$PKHUV ZLW QHDG WKH QHZ YHQWU

REAUTHORIZATION OF THE HIGHER EDUCATION ACT OF 1965

3XEUF /DZ ZKIFK H[WHQGV WKH DXWKRUL]DWLRQ RI SURJUDPV XQGHU WKH +LJKHU (GXFDWLRQ \$FW +(\$ ZDV HQDFWHG 2FUREHU ,W FROMLQW WCUHH SURYLVIROV UHODWLG WR GLVNDQFH HGXFDWLRQ WKH ' LVNDQFH (GXFDWLRQ ' HPROVWLDWLRQ 3URJUDP /HDUQLQJ \$QWLPH \$Q\ZKHUH 3DUNQWVKLSV DOG WKH : HE %DVHG (GXFDWLRQ &RPPHUVIRO

Distance Education Demonstration Program

7KH SXUSRVH RI WKH ' LVNDQFH (GXFDWLRQ ' HPROQVUDWLRQ 3URJUDP LV WR DORZ SLORW SURMHFW WKDW DUH VWLFW\ PRQLWRUHG E\ WKH 8 6 ' HSDUWPHQW RI (GXFDWLRQ WR WHVW WKH TXDQW DOG YDELO\ RI H[SDQGHG GLVNDQFH HGXFWRU SURJUDPV WKDW DUH FXUUHQW UHVVLFHG XQGHU 7LW\ 9 ,Q DGGWLRQ WKH SURJUDP LV GHVLJQHG WR SURYLG IRU LQFUHDVHG VWXGHQW DFFHVV WR KLJKHU HGXFWRU WKURXJK GLVNDQFH HGXFWRU SURJUDPV DOG WR KHOS GHWHUPLQH

- WKH PRW HHHFWLYH PHDVV RI GHQYHULOJ TXDQW HGXFWRU WKURXJK GLVNDQFH HGXFWRU FRXUVH RIIHULOJV
- WKH VSHFLIL VDWXWUR\ DOG UHJXDWRU\ UHTXLUHPHQW WKDW VKRXG EH FKDOJHG WR SURYLG JUHDWU DFFHVV WR KLJK TXDQW GLVNDQFH HGXFWRU SURJUDPV DOG
- WKH DSSURSULDW (HYHO RI IHGHUDO DVLVNDQFH IRU VWXGHQW HOURQHG LQ GLVNDQFH HGXFWRU SURJUDPV

,Q WKH IUVV\HDU RI WKH SURJUDP WKH 6HFUHDU\ RI (GXFDWLRQ LV DXWKRUL]HG WR VHOHFW XS WR D WRNDO RI LQVWLXWLRQV V\WHPV RI LQVWLXWLRQV RU FROVRUWD RI LQVWLXWLRQV ZKLFK DUH DQWLFLSDWHG WR SDUWLFLSDWH LQ WKH SURJUDP IRU ILYH\HDU ,Q WKH WKLUG\HDU RI WKH SURJUDP WKH 6HFUHDU\ LV DXWKRUL]HG WR VHOHFW XS WR DGGWLRQDO SDUWLFLSDQW 7KH SURYVLRQV H[SDUFW\ VDW\ WKDW : HVWUQ \*RYHUQRUV 8QLYHUVW\ VKD\ EH *eligible* WR SDUWLFLSDWH LQ WKH GHPROQVUDWLRQ SURJUDP

7KH 6HFUHDU\ PD\ ZDIYH VDWXWUR\ SURYVLRQV IRU SDUWLFLSDQW LQ WKH SURJUDP LQ WKH VHFWRU RI WKH + (\$ WKDW

- PDNH DO RUKHUZIVH HQJIEH LQVWLXWLRQ LQHJIEH LI PRUH WKDQ SHUFHQW RI LW FRXUVHV DUH RIIHUHG E\ FRUHVSRQGHQFH DOG WHHFRPPXQLFDWLRQV
- PDNH DO RUKHUZIVH HQJIEH LQVWLXWLRQ LQHJIEH LI SHUFHQW RU PRUH RI LW VWXGHQW DUH HOURQHG LQ FRUHVSRQGHQFH RU WHHFRPPXQLFDWLRQV FRXUVHV
- GHILQH WHHFRPPXQLFDWLRQV VWXGHQW DW DO LQVWLXWLRQ DV D FRUHVSRQGHQFH VWXGHQW SHUFHQW RU PRUH RI WKH LQVWLXWLRQV FRXUVHV DUH RIIHUHG E\ FRUHVSRQGHQFH RU WHHFRPPXQLFDWLRQV
- SURYLG WKDW DO DFDGHPLF\HDU PXVUHTXLUH DW GHVW ZHHNV RI LQVWLXWLRQDO WLPH DOG

- SURYLG WKDW DO HQJIEH YRFWRQDO SURJUDP PXVU EH SURYGHG GXULQJ D PLQLXP RI ZHHNV RU LQ QPLWHG FLUXP VNDQFH ZHHNV

7KH LVWXH RI ZKHWKHU WKH ' LVNDQFH (GXFDWLRQ ' HPROQVUDWLRQ 3URJUDP ZRXG EH VXEHFW WR QHJRWLWHG UXOH PDNLQJ ZDV WKH VXEHFW RI VPRH FROWRU\HU\ ,Q HDU\ PHHWLOJV ZLWK KLJKHU HGXFWRU RUJDQL]DWLRQV ' HSDUWPHQW RI (GXFDWLRQ RIIFLDOV QRWHG WKDW LQ NHHSLOJ ZLWK WKHU SRQF\ RI UHJXDWLOJ RQ\ ZKHQ DEVROXW\ QHFHVVDU\ WKH ZHUH LQFQHG WR DEDQGRQ WKH QHJRWLWHG UXOH PDNLQJ SURFHV VR WKDW WKH LQVWLXWLYH FRXG PRYH DKHDG H[SHGLRXXV\ 7KLV GUHZ VWUHQJ UHDFWRQV IURP VPRH LQ WKH KLJKHU HGXFWRU FRPPXQW ZKR IHUHG WKDW QPLWHG LQSW IURP WKH KLJKHU HGXFWRU FRPPXQW ZRXG XQIDLU\ DGYDQDZH FHUNDLQ LQVWLXWLRQV WKDW ZHUH VHOHFWHG E\ WKH ' HSDUWPHQW 7KHUH ZDV D\WR FROFHUO WKDW ZDIYHU ZRXG ZHDNHQ VPRH RI WKH VDIHJXDUV WKDW ZHUH SXW LQWR DZ GXULQJ WKH UHDXWKRUL]DWLRQ RI WKH + (\$ WR UHGXFH IUDXG DOG DEXVH DW TXHVWRODEH LQVWLXWLRQV 7KH ' HSDUWPHQW UHVSROGHG WR WKHVH FROFHUOV DOG DJUHHG WR SDUWLFLSDWH LQ H[SHGLWHG QHJRWLWHG ZLWK KLJKHU HGXFWRU JURXS DOG RUKHU LQVWLXWLYH SDUWLHV RYHU WKH UXOHV IRU DGPLQLVWULQJ WKH SURMHFW

\$W WKH VDPH WLPH WKDW LW DXWKRUL]HG WKH GHPROQVUDWLRQ SURJUDP &RQJUVV DVNHG IRU DO LQGHSHQGHQW HYDOXDWLRQ RI WKH SURJUDP IURP WKH \$GYVUR\ &RPPWHH RQ VWXGHQW )LQDQFDO \$VLVNDQFH (\$&6) \$ 7KH (\$&6) \$ LV DO LQGHSHQGHQW FROJUVWLRQDOV FUHDWHG FRPPWHH FKDUJHG ZLWK SURYGLQJ DGYIFH WR &RQJUVV RQ WKH FROVHTXHQFHV RI SRWHQWDO SURJUDP DOG SRQF\ FKDOJHV IRU PHHWLOJ WKH JRDOV RI WKH VWXGHQW DLG SURJUDPV \$&6)V SHUVSHFWLYH RQ WKH GHPROQVUDWLRQ SURJUDP DOG RQ WKH FROVHTXHQFHV IRU WKH VWXGHQW DLG SURJUDPV RI UHGXFLOJ RU HQPLQDWLOJ VWLH EDVHG HQJIELO\ UHVVLFWRQV ZLO EH RI NHHQ LQVHUHV DV WKLV SURFHV PRYHV IRUZDUG

Learning Anytime Anywhere Partnerships

7KH SXUSRVH RI /HDUQLQJ \$Q\WLPH \$Q\ZKHUH 3DUNQHUVKLSV /\$3 DXWKRUL]HG DW PLQRO LV WR HOKDQFH WKH GHQYHU\ TXDQW DOG DFFRXQDELO\ RI SRVWHFROGDU\ HGXFWRU DOG FDUHHU RUIHQWHG QIHORJ QHDUQLQJ WKURXJK WHFKQRJ\ 7KH 6HFUHDU\ LV DXWKRUL]HG WR PDNH JUDQW WR RU HQHU LQWR FROUDEFW RU FRRSHUDWLYH DJUHPHQW ZLWK HQJIEH SDUQHUVKLSV 7KH GHILQLWLRQ RI HQJIEH SDUQHUVKLSV HQFRPSDWHV WZR RU PRUH LQGHSHQGHQW DJHQFLHV RUJDQL]DWLRQV RU LQVWLXWLRQV DOG PD\ LQFQGH KLJKHU HGXFWRU LQVWLXWLRQV FRPPXQW RUJDQL]DWLRQV DOG RUKHU SXEUF DOG SULYDWLQ LQVWLXWLRQV DJHQFLHV DOG RUJDQL]DWLRQV

7KH IXOO PLOLRO ZDV DSSURSULDWHG IRU )< DOG WKH JUDQW ZKLFK FDOQRW H[FHHG ILYH \HDUV DOG UHTXLUH SHUFHQW PDWFKLQJ IXQGV ZRXOG IXQG

- WKH GHYHORSPHOW DOG DWHVWPHQW RI PRGHO GLVNDQFH QHDUQLQJ SURJUDPV RU LQQRYSWLPHV HGXFDFWRROD VRIWZDUH
- WKH GHYHORSPHOW RI PHWKRGRIJLHV IRU WKH LGHQLILFDLRO DOG PHDVXUHPHQW RI VNLDO FRPSHWLQJLHV
- WKH GHYHORSPHOW DOG DWHVWPHQW RI LQQRYSWLPHV VIXGHQW VXSURUW VHUYLPHV RU
- WKH VXSURUW RI RUKHU DFILYLPHV WKDW DUH FROVLVPHQW ZLWK WKH SXUSRVH RI WKLV SURYLRO

SSQLFDLROV DUH DQWLSDWHG WR EH UHDO\ IRU GLVULXWLRO LQ -DOXD\ RU )HEUXD\ DOG JUDQW ZLW EH PDGH GXULQJ WKH VXPPHU RI

Web-Based Education Commission

7KH UHDXWKRL]DLRO RI WKH +(\$ FUHDWHG WKH : HE %DVHG (GXFDLRO &RPPHVLRO ,W LV FKDUJHG ZLWK FROGXFWLQJ 'D WKURXJK VIXG\ WR DWHW WKH HGXFDFWRROD VRIWZDUH DYDLQDQ LQ UHNDLO PDUNHW IRU VHFROGD\ DOG SRVWHFROGD\ VIXGHQW ZKR FKRRVH WR XVH VFK VRIWZDUH µ 3XEQF KHDULQJV ZLW EH KHG LQ HDFK UHJRO RI WKH FRXQW\ 7KH PDURULW DOG PLQRULW QHDGHUV RI WKH +RXVH DOG WKH 6HQDWH HDFK ZLW VHQHFWZR PHPEHU RI WKH &RPPHVLRO DOG WKH 3UHVLGHQW ZLW VHQHFW WKUHH PHPEHU UHSUHVHQWLQJ WKH ,QVHUQH WFKQRORJ\ LQGXVW\ 7KH 6HFUHDU\ RI (GXFDLRO ZLW DSSRLQW WKUHH PHPEHU ZKR VSHFLD]H LQ DFFUHGLDNLRO VINDH ZLGH FXULFXDQ DOG HGXFDFLRO WFKQRORJ\ QHWZRUV WR URXQG RXW WKH PHPEHU ERG\ 1R QVHU WKDQ VL[ PROQV DNHU WKH ULVW PHHWLQJ WKH &RPPHVLRO ZLW VXEPLW D UHSRUW WR WKH 3UHVLGHQW DOG WKH &ROJUHVV FROWDLQQLQJ LQGLQJV DOG FROFOXVROV DORQJ ZLWK UHFRRPHQGDNLROV IRU QHJLQDNLPHV DOG DGPLQLVNDNLPHV DFNLROV DOG WKH DSSURSULDWH IHGHDO URQH LQ GHVHUPLQLQJ TXDQW HGXFDFWRROD VRIWZDUH SURGXFW 7KH &RPPHVLRO ZDV DDXWKRL]HG DW DOG UHFHLYHG DQ DSSURSULDNLRO IRU WKH VDPH DPRXQW IRU )<

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,Q ZFWREHU WKH ' LUNDO OLOHQOLXP &RS\ULJKW \$FW ZDV HQDFWHG LQWR WZ 2QH RI WKH SURYLROV RI WKH \$FW LV D QPLNDLRO RQ WKH SRWHQWDO PROHND\ GDPDJHV WKDW 2QQH 6HUYLFH 3URYIGHUV 263V LQFOXGLQJ QEUDULHV DOG HGXFDFWRROD LQVWLWXVROV FRXOG IDFH ZKHQ WKH\ IXQFWLRO QNH D FRPPRO FDUULHU DORZLQJ RQHQ XVHUV DFFHVV WR FRS\ULJKWHG PDWULDO SDFHG WKHUH E\ VRPHRQH HGVH 7KH VINDWH ZKLFK EHFDPH HHHFWLPHV XSRQ SDVDJH UHTXLUHV WKDW IRU DQ 263 WR TXDQ\ LW PXLVPSHPHQW VHYHUDO QRYHUHTXLUHPHQW LP PHGLDWH\ LQFOXGLQJ

- WKH GHVLJQDLRO RI DQ DJHQW WR UHFHLYH VINDWLRO\ QRWLFHV IURP FRS\ULJKWRZOHUV DERXW LQIUHQJHPHQW DOG WR VHQG VINDWLRO\ QRWLFHV WR DHHFWHG VXEVFULEHU
- QRWILFDLRO WR WKH &RS\ULJKW ZLILFH RI WKH DJHQWV QDPH DOG DGGUHV
- WKH GHYHORSPHOW DOG SRVLQJ RI D SRLQ\ IRU WHUPLQDLRO RI UHSHDW RIHQGHUV DOG
- WKH DVXUDQFH WKDW WKH VVWHP DFFRPPRGDNLHV LQGXVW\ VINDQGDUG WFKQLFDQ PHDVXUHV XVHG E\ RZOHUV WR SURWHFW WKHU ZRUNV IURP XQDZLXQ DFFHW DOG FRS\ULJKW LQIUHQJHPHQW

\$ VSHFLDQ H[FHNLRO KDV EHQ FUHDWHG IRU SXEQ DOG QRO SURILW KLJKHU HGXFDFLRO LQVWLWXVROV WKDW DORZV WKHP WR TXDQ\ IRU WKH QPLNDLRO *even when the offending user is a member of the faculty or a research graduate student.* ,W LV QRW QHFHVVD\ WR DFILYH\ PROULRU PDWULDO RQ WKH ,QVHUQH WKH QPLNDLRO UHTXLUHV DQ 263 WR VDNH DFNLRO ZKHQ LW KDV 'DFWDO NORZOHGJHµ RI DQ LQIUHQJHPHQW E\ IDFW EURXJKW WR LW DNHQNLRO RU E\ QRWLFH IURP WKH FRS\ULJKW RZOHU EXW LW GRHV QRW LPSRVH WKH EXUGHQ RQ WKH 263 WR PROULRU RU GIVFHYHU LQIUHQJLQJ EHKDYLRU

7KH QHZ WZ VKRXG JLYH QEUD\ DOG HGXFDFWRROD VHUYLPH SURYLGHUV JUHDWHU QHJDQ SURWHFWLRO DW D WPH RI JUHDW XQFHUWDLQW DERXW WKH GLWHFWLRO RI LQVHQHFWXDO SURSHUW WZ

## INITIATIVES RELATED TO DISTANCE LEARNING

### The ACCESS Project

,Q JHOHUDO VWXGHQWLOIRUPDNLRO DOG VHUYLFHV DUH VWLWSDULPDULQ LQVWLWXNLRO FHOVHUHG DOG JHRJUDSK\ EDVHG ODQ\ LQVWLWXNLROV FXUUHQW RIIHUQJ GLVNDQFH (HDUQLQJ SURJUDPV DVVXPH WKDW VWXGHQW DUH IRFDO UHJLRQDO FROVWVWXHQW ZKR ZLOO DFFHVV SHUWQHQQW LQVWLWXNLRODO LOIRUPDNLRO DOG VWXGHQW VHUYLFHV WKURXJK WKH FROYHQWLRQDO FDPSPXV EDVHG VVWHPV 6LPLDULQ PDQ\ LQVWLWXNLROV KDYH HVDEOLVKHG VWDNH DOG UHJLRQDO DULFXDNLRO DJUHPHQW DOG WUDQVHU SRQFLHV

7R RYHURPH WKH JDS H[SHULHQFHG E\ PDQ\ VWXGHQW ZKR IDFH LQFUHDVLRQ FRPSH[ (HDUQLQJ VROXNLROV WKDW PD\ RYHUZKHOP WKH OLPLHG UHVRXUFHV RI WJGWLRODO DGYLQJ FRXQVHQJ DUHDV WKH 3XEOLF %URDGFVNLQJ 6HUYLFH 3% LV HPEDUNLQJ RQ DO LQVWLWXNLROV FDOHG 3URNHFW \$&&(66) XQGHG IRU RYHU WKUHH \HDUV E\ ),36( WKH LQVWLWXNLROV ZLOO GHVUHQ HVDEOLVK DOG RSHUDNH DW 3% DO LQVWLWXNLROV QHUVHQW ZHE EDVHG VWXGHQWGHFVLRO PDNLQJ DOG DGYLQJ VVWHP WKDW JLYHV VWXGHQW LOIRUPDNLRO DERXW FROVJHV DOG GLVNDQFH (HDUQLQJ SURJUDPV QDWLROZIGH \$V D XVHU IULHQG\ VWXGHQW LOIRUPDNLRO 'EURNHUQJ FHOVHU WKH \$&&(66 SURNHFW ZLOO RIIHU VWXGHQW D 'XUHP RI VHUYLFHV GHVUHQG IRU KHUS WKHP H[SORUH WKHU DFDGHPLF DOG FDUHHU RSNLROV DOG IR GHFIGH RQ WKH EHVW FROVJHV DOG GLVNDQFH (HDUQLQJ SURJUDPV<sup>3</sup> IUVSHFWLYH RI ZKHUH WKH\ SK\VLFDLQ UHVGH<sup>3</sup> IRU WKHU HGXFDNLRODO DOG FDUHHU JRDW \$GXW (HDUQHUV ZLOO EH WKH GLUHFV EHQHILFDULHV RI WKLV SURNHFW

### National Postsecondary Education Cooperative

,Q &RQJHUW DXWKRU\HG WKH 1DNLRODO &HQUHU IRU (GXFDNLRO 6NDVNLFV 1&(6 IR HVDEOLVK WKH 1DNLRODO 3RVVWHFROGDUL (GXFDNLRO &RRSHUDNLYH 13(& ,W PLWLRO LV 'R IGHQNL DOG FRPPXQLFDNH ROJRIQJ DOG HPHUJLQJ LVVXH JHUPDQH IR SRVWHFROGDUL HGXFDNLRO DOG IR SURPRWH WKH TXDUL FRPSDUDELQW DOG XULQW RI SRVWHFROGDUL GDND DOG LOIRUPDNLRO WKDW VXSSRUW SRQFL GHYHORSPHQW LPSHPHQDNLRO DOG HYDQDNLRO μ

\$V SDUW RI WKH FKDUJH IR 13(& D SRQFL SDQH ZDV FROYHQHG IR DGGUHV WHFKQRORJ\ V HIIHFWXSRO WKH FROHFVLRO RI QDWLRODO GDND \$V D UHVXW D UHSRUW HQLWGHG *Technology and Its Ramifications for Data Systems* ZDV SXEOLVKHG IQ 2FWREHU . 7KH UHSRUW LV EDVHG XSRO WKH SUHPVLV WKDW XVLOJ WHHFRRPPXQLFDNLROV EDVHG WHFKQRORJHV IR GHQYHU LQVWLWXNLRO DOG SURYIGH DFFHVV IR LOIRUPDNLRO UHVRXUFHV KDV

WKH SRWHQDO IR FKDUJH SRVWHFROGDUL HGXFDNLRO VLJQLFDQW<sup>3</sup> LW RUJDQL]DNLRODO UHODNLROVKISV ILQDFLDO RSHUDNLROV VWXGHQW SDULFSDNLRO SDVWUHQV DOG IDFXOM UROHV DOG UHSROVLELQNLHV 6RPH RI WKH SDQH REVHUYDNLROV LQFOXGH WKH IRORZLQJ

- ([SDQGHG XVH RI WHFKQRORJ\ VHPV IR SRQW IR DO LQFUHDVHG QHHG IR IRFXV RQ ERWK VWXGHQW DV WKH VRXUFH RI GDND DOG WKH GHYHORSPHQW RI QHZ DQDNLFDQ FROYHQWLRQV
- &XUHQW LQVWLWXNLRODO EDVHG VXUYHV VXFK DV WKH ,QWJUDVHG 3RVVWHFROGDUL (GXFDNLRO ' DND 6\WHPV ,3(' 6 QHHG IR EH UHYLHZHG
- \$\QFKURQRXV GHQYHU RI LQVWLWXNLRO ZLOO FDO LQWR TXHVNLRO WLPH EDVHG PHDVXUHV VXFK DV RSHQLQJ IDO HQURDPHQW VWXGHQW FUGLW KRUV IXW WLPH YV SDUW WLPH IXW WLPH HTXLVDHQF\ DOG UHWHQNLRO DOG JUDGDNLRO UDVHV
- 6VXGHQW ZLOO EH VLPXNDQRXV\ DIIQDWHG ZLWK PXQLSH SURYIGHV
- ' HILQNLROV RI SURJUDP FRPSHNLRO ZLOO UHQHFV D EURDGHU DUUD\ RI (HDUQHU REMHWLYHV DOG FHWLFDNLROV
- 7HFQRORJ\ FRXIG XQGHUPLQH WKH UHQHYDQFH RI PDQ\ TXDUL LQGLFDNLROV WKDW DUH FXUUHQW\ XVHG IQ SRVWHFROGDUL HGXFDNLRO VXFK DV UHWHQNLRO DOG JUDGDNLRO UDVHV VWXGHQW IDFXOM UDVHV DOG QXPEHU RI ERRNV IQ WKH QEUD\
- ,QVWLWXNLROV DUH QR (RQJHU WKH REYLRXV VRXUFH RI GDND DERXW SRVWHFROGDUL HGXFDNLRO
- 1HZ SURYIGHV ZLOO HPHUJH DOG GHFVLROV ZLOO KDYH IR EH PDGH DV IR ZKLFK ZLOO EH HQFRPSDWHG E\ IXUHU 1&(6 VXUYHV
- %DVLF GDND EXLQGLQJ EORFN VXFK DV VWXGHQW DFVLYNLHV DOG LQVWLWXNLRODO IXQFWLRQV ZLOO EHFRRPH (VV ZHO WULXFWXUHG DOG PRUH GLYUHV DFURW SURYIGHV

)RU IXUWKHU IQIRUPDLRO RQ WKH UHVRXUFHV FWHG IQ WKLV  
UHSRUW SHDVH FRODQFW

### The 1998 National Survey of Information Technology in Higher Education

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### Intellectual Property

(GXFDXVH  
\* 6W 1: 6XWH  
: DVKIQJWRQ ' &  
ZZZ HGXFDXVH HGX

### The ACCESS Project

-DFTXHV + ' XERIV  
SURMHFW ' UHFWRU 3% \*RQJ WKH ' LVNDQFH  
6 %UHYDUG \$YHQXH  
&RFRD %HDFK )/

### National Postsecondary Education Cooperative

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8 6 ' HSDUWPHQW RI (GXFDLRO  
1 DLRODQ &HQWHU IRU (GXFDLRO 6NDLWILFV  
1HZ -HUVH\ \$YHQXH 1: 5RRP  
: DVKIQJWRQ ' &

7KH ,QVWLWXWH IRU +LJKHU (GXFDLRO 3RQF\ IV D QRO SURILW QRO  
SDUWLVDQ RIJDQJ]DLRO ZKR VH PLVLRQ IV WR IRVWHU DFFHW WR DQ  
TXDQW IQ SRVWHFROGDU\ HGXFDLRO 7KH ,QVWLWXWH-V DFWLYLWH DUH  
GHVUJQHG WR SURPRWH IQORYDWLYH VROXUROV WR WKH IPSRUHQDQ DQ  
FRPSH[ LVXHV IDFQJ KJJKHU HGXFDLRO )RU IXUWKHU IQIRUPDLRO  
SHDVH FROVXW 7KH ,QVWLWXWH-V ZHE VWLH DW ZZZ IKHS FRP