

' ,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 \$FFUHGLDWURO )HEUXDU\

Q \$SULO *Assuring Quality in Distance Learning:  
 A Preliminary Review* D UHSRUW SUHSDUHG IRU WKH  
 &RXQFLO IRU +LJKHU (GXFDWURO \$FFUHGLDWURO &+ (\$  
 E\ 7KH ,QVWLWXWH IRU +LJKHU (GXFDWURO 3RQLF\ H[DPIQHG  
 WHFKQRORJ\ PHGLDWHG GLVNDQFH (HDUQLQJ IQ KJJKHU  
 HGXFWDWURO DQG WKH SRQLF\ TXHVVLRQV IWW JURZWK KDV  
 UDIVHG ' LVNDQFH (HDUQLQJ IV DQ H[FUWLQJ FRPSRQHQRW RI  
 SRVWHFRQGDU\ HGXFWDWURO SURYLGLOJ RSSRUWIXQLWHV WR  
 H[SDQG WKH UHDFK RI HGXFWDWURO DQG FKDQJH IWW LPSDFW  
 %XW EHFDXVH WKH WHFKQRORJ\ WKDW IV IQYROYHG IV HYHU  
 FKDQJLOJ 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[ PROXKW

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 OHDVW ROH SHUVRQDO FRPSXWHU  
 /RZ SULFHV DQG D GHVLUH WR EH UONHG WR WKH ,QWHUOJHWGURYH  
 QHDU\ PLOURO EX\HUV WR SXUFKDVH WKHU IUVW SHUVRQDO  
 FRPSXWHUV IQ WKH IUVW KDO RI \$ VHD FKDQJH DSSHDUV  
 WR EH RFXUULQJ DPRQJ SHRSOH RI PRGHVW PHDQV  
 &XUHQW\ KRXVHKROGV ZLWK DQXDO IQFRPH RI OHH 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 WHOHYVIRQ  
 EHFDPH ZIGHVSUHDG DQG IRXU JHQHUDWUROV WR ZKHQ WKH  
 QXPEHU RI PRWRU YHKLFHV RI DO WASHV KIW ILYH PLOURO

The 1998 National Survey of Information Technology in  
 Higher Education

7KH &DPSXV &RPSXWLOJ 3URMHFW ZKLK IRFXVHV RO WKH  
 XVH RI IQIRUPDWURO WHFKQRORJ\ IQ KJJKHU HGXFWDWURO UHFHQW\  
 UHGHVHG WKH UHVXQW RI IWW QIQW DQXDO &DPSXV &RPSXWLOJ  
 6XUYH\ &RQGXFWHG GXULQJ WKH VXPPHU RI DQG  
 EDVHG RO GDWD SURYIGHG E\ RIILFDW DW WZR DQG IRXU  
 \HDU FROFHJV DQG XOLYHUVLWHV DFURVV WKH 8QIWHG 6NDWHV WKH  
 VXUYH\ UHYHDOV WKH IRORZLOJ IIOGLOJ

- 7RS IQIRUPDWURO WHFKQRORJ\ FKDOHQJHV  
 FROUROWLOJ FROFHJV DQG XOLYHUVLWHV IQFOXGH  
 KHOSLOJ IDFXQ\ IOWHJUDWH WHFKQRORJ\ IQWR  
 IQVWUXFWURO SURYLGLOJ DGHTXDWH XVHU VXSSRUW  
 DQG IODQFIDO SDQQLQJ IRU IQIRUPDWURO  
 WHFKQRORJ\

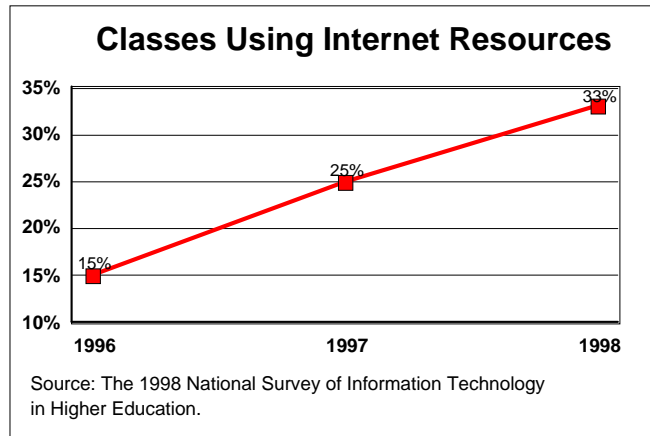
■ ORUH FROHJH FRXUVHV DUH XVLOJ WHFKQRORJ\ 7KH SHUFHQW DJH RI FODVVHV XVLOJ H PDLOLQFUHDVHG WR SHUFHQW IQ XS IURP SHUFHQW IQ SHUFHQW IQ DOG WKV SHUFHQW IQ

■ 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 PDWHULDOV 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 IQIRUPDLRO WHFKQRORJ\ IHH XS IURP SHUFHQW IQ DOG SHUFHQW IQ

■ ' HVSUWH WKH JURZLQJ IPSRUNDQFH 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 WASH RI

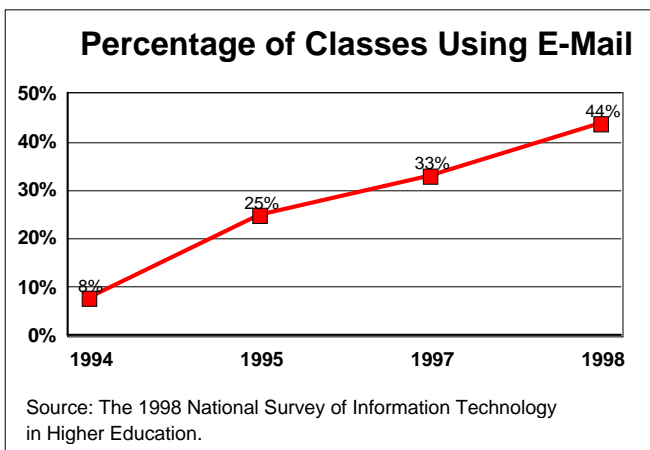


SRQFX DGGUHVWLQJ IDFXOM GHYHORSHG LOVWLWXULRODO SURSHUW RQ WKH FDPSXV ZHE VWVH

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

**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 DORZ UHVHDUFKHUV WR WUDQVPLW GDWD DW VSHHG WR WLPHV DV IDV DV WKRVH RI WRGD\ ,QWHUQHWH ,QWHUQHWH 3 D FROVRULXP RI FROHJHV DOG XQYHUVULHV RUJDQLJHG WR GHYHORS XVHV IRU KLJK VSHHG QHWZRUV DOG EXLQJ EHWUHU QHWZRUV WHFKQRORJIV<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 1 DLWRQD06FLHQFH )RXQGDLRO 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 \$EIQHQH 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 ZIUH DO LW RZQ<sup>3</sup> D VIQJH  
KDLU WKLO VWJDQG RI ILEHU RSNLF FDEOH 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 XQYHLOHG D SURRHFWR KHOS UHVHDFKHUV  
FRODERUDWH DFURVV PXOLS\H KLJK VSHHG QHWZRUNV  
DQG XVH DGYDQFHG DSSQLFDLROV VXFK DV YLWXDQDUHDQW  
DQG YLGHFRFROIHUHQFLOJ 4ERQH VKRUVIRU TXDQW  
RI VHUYFH EDFNERQHµ ZLW DORZ QHWZRUNV VXFK DV  
Y%16 DQG \$ELOHQH WR IDYRU FHUNDLQ WNSHV RI WDJILF  
RYHU RINKHUV 7KLV LQVLDWLYH LV QHFHVVDU\ WR HQVXUH  
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 VPRPH 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 ,&\$11  
LV WKH IURQW UXQQHU IRU WKH IRE ,Q 1RYHPEHU  
,&\$11 KHG D PHHWLQJ RI EXVLOHV OHDGHUV VFKRODUV  
DQG RINKHUV WR GLVFXW KRZ WKH RUJDQL]DLRO VKRXG EH  
VWUXFWXUH ZKR VKRXG EH RIHUHG PHPEHUVKIS LQ LW DQG  
KRZ RSHQ WR WKH SXELF LW SURFHGHQJ VKRXG EH 6KLUWQJ  
FROWRORYHU QHWZRUN RSHUDLROV KDV EHHQ XQGHU GLVFXWLRO  
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 VPRPH DSSUHKHOVLRQ  
UHJDUGLQJ KRZ PDQ\ QHZ NLOGV RI ,QHUQH DGGUHVHVH WKH

QHZ JURXS ZLW DORZ &XUHQW\ WKHUH DUH VHYHQ PDNRU  
GRPDLQV RQ WKH ,QHUQH HDFK UHSUHVHQWLG E\ D WUHH OHHU  
H[WHQVLRQ VXFK DV FRPµ DQG HGXµ 7KHUH LV SUHVXUH WR  
FUHDWH QHZ GRPDLQ VXFK DV ELµ DQG DUW µ

8QWLO D FROVHOVXV LV UHDFKHG UHJDUGLQJ ,&\$11 WKH  
WHFKQLFDO ZRUNLQJV RI WKH ,QHUQH ZLW FROWLQX DV WKH\ KDYH  
WKXV IDU ,Q 2FWREHU WKH IHGHUOJRYHUQPHQW DJUHHG  
WR D WZR \HDU H[WHQVLRQ RI LW FROWLQX ZLWK 1HWZRUN  
6RDXLROV WKH FRPSDQ\ WKDW PDODJHV DGGUHVHVH HQGLQJ LQ  
'HGXµ FRPµ QHWµ DQG 'RUJµ 7KH FROWLQX VWLXQDWHV  
KRZHYHU WKDW WKH FRPSDQ\ RSHQ WKH DGGUHVH UHJLVWDLRO  
EXVLOHV WR FRPSHWLROV E\ WKH VXPPHU RI DQG WKDW LW  
WJYHUVH WHFKQLFDO FROWLRO WR D JURXS QNH ,&\$11 E\ ODUFK

### DISTANCE LEARNING ACTIVITIES

,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 GD\ EDLV 7KH  
IRORZLQJ H[DPSSHV ZKLFK UHGHFW WKH YDUHLW RI LQVLDWLYH  
DQG DFWLYLHV UHODWHG WR GLVNDQFH HGXFDLRO PD\ KHOS  
UHDGHUV JUDVS WKLV DFFHOHUDWLOJ SKHQRPHQRO

Western Governors University  
,Q 1RYHPEHU : HNVHU \*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 LQVWLXWLRO WR  
WNVH FRXUVHV WKURXJK WKH RINKHU

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

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

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

Real Education

/RFDWLG IQ ' HOYHU 5HDO (GXFDWLRQ SURYLGHV WKH GHVLUQ FROVUXFWLRQ DOG PDQDJPHQW RI RQLOH FDPSPXVHV ,WKDV JURZO WR EH WKH DUJHW RQLOH HGXFDWLRQ WHFKQRORJ\ SURYLGHU IQ WKH ZRUG 5HDO (GXFDWLRQ HPSORV SHRSOH<sup>3</sup> XS IURP WNV 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 ,QVWLWXW RI 6WDOGUGV DOG 7HFQRORJ\ 1,67 WR KHOS GHYHORS D 5HDO \$GDSWLYH ,QVWLWXW /HDUQLQJ 6\WHP 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 FRXUVH 2QH IHDWXUH RI 5\$,/6 DORZV WKH 6\WHP WR DXWRPDWLFDO SURYLG FXVWRP]HG LQVUXFWLRQ WR HDFK WUXGHQW WKURXJK WKH XVH RI LQVWLWXW WVRUJQ 6\WHPV 7KH 6\WHP ZLW GHYHORS DQ LQVHUQDO PRGHWKDW ZLW DXWRPDWLFDO GHQYHU LQVUXFWLRQDO FROVWQWDLORUHG WR WKH QDUOHU-V QHHGV 7KXV WUXGHQW ZKR QHHG DGGWLRQDO KHOS RQ D VSHFLILF WRSIF ZLW EH GLUHFWHG WR DSSURSULDW FROVWQW ZLOH DGYDQFHG WUXGHQW ZLW EH RIIHUHG DQ DQVHUQDW IRUPDWWKDW ZLW HQDEOH WKHP WR E\SDV FROVWQW 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 IDFXWU WUDLQLOJ IRU WKH UHYLVIRO RI FXUJLFXOP IRU RQLOH GHQYHU\ RI LQVUXFWLRQ 6L[W V\ VFLHQFH DOG PDWFKPDWLFV IDFXWU ZLW UHYLVH WKHU RQ FDPSPXV FRXUVHV IRU GLVNDQFH QDUQLQJ DOG ZLW GHVLUQ 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 WUXGHQW SDUWLFSDWLG IQ RQLOH FRXUVHV IQ &DQIRUQLD DQKRXJK ORW QHFHVVDU\ WKURXJK &98

Cable and phone companies

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

WR WKH QRUPDO FDEOH ELW 7KH WHHRSKROH FRPSDQLHV DUH SXVKLQJ 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 JURZIQJ

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 LQVWLWXWUJ FRUSRUDWUJ DOG WUXGHQW ZKR SUHUU WKH IQH[LELW RI QDUQLQJ RQLOH -RQLOJ D JURZIQJ QXPEHU RI LQVWLWXWUJ WKDW YLHZ RQLOH QDUQLQJ DV D SRVWQDO UHYHQXH VRXUFH 1<8 ZLW PDUNHW ORQ FUHGW FRXUVHV RYHU WKH ,QVHUQHW WR FRUSRUDWUJ WUDLQLOJ SURJUDPV RU LQGLYLGXDO IQ QHHG RI FROVWUJ HGXFDWLRQ 1<8 IV SDUWUJLQJ ZLWK SXEUVKHUV DOG PHGLD FRPSDQLHV IRU FRXUVH GHYHORSPHQW ,QVNDQ FRXUVHV ZLW EH IQ UHDO HWDWU\ IQDQFH DOG LQIRUPDWLRQ 6\WHPV PDQDJPHQW

Sylvan International Network

6\YDQ /HDUQLQJ 6\WHPV ,OF D SXEUFW WUDGHG HGXFDWLRQDO SURYLGHU EDVHG IQ %DQWPRUH ODV\DOG KDV UHFHQW DQQRXQFHG SDOV WR IRXQG DQ LQVHUQDWLRQDO QHWZRUN RI SULYDW IRU SURILWFROVWUJ 6\YDQ KDV ORQJ EHHQ D QDGHU IQ GLVNDQFH EDVHG HGXFDWLRQ WUXGHQW WVNQJ DOG UHPHGLD HGXFDWLRQ &RPPHOFIQ ZLWK WKH SXUFKDVH RI 8QLYHUVW\ (XUSD RI ODGULG D WUXGHQW SULYDW IRU SURILW XQLYHUVW EDVHG IQ ODGULG 6SDIQ 6\YDQ SDOV WR H[SDQG LW KRGLQJV E\ PRYIQ LQW WKH LQVHUQDWLRQDO PDUNHW ,I DQJRHV DV SDOQHG 6\YDQ 3UHVGHQW ' RXJOD %HFNU KRSHV WR H[SDQG WKH QHWZRUN ZLWK WKH DFTXVWUJ RI DORWKHU RU VR (XURSHDQ LQVWLWXWUJ -RVHSK ' XHH\ IRUPHU\ ' UHFWRU RI WKH 8 6 ,QIRUPDWLRQ \$JHQ\ DV ZHO DV 3UHVGHQW RI \$PHULFDQ 8QLYHUVW DOG WKH 8QLYHUVW RI ODVDFKXVHW \$PKHUV ZLW QHG WKH QHZ YHQWUJ

REAUTHORIZATION OF THE HIGHER EDUCATION ACT OF 1965

3XEUF /DZ ZKIFK H[WQGV WKH DXWUJ]DWLRQ RI SURJUDPV XQGHU WKH +LJKHU (GXFDWLRQ \$FW +(\$ ZDV HQDFWHG 2FUREHU ,W FROVWUJ WCUHH SURYLVUJ UHODWLG WR GLVNDQFH HGXFDWLRQ WKH ' LVNDQFH (GXFDWLRQ ' HPROVWUJ 3URJUDP /HDUQLQJ \$QWPH \$Q\ZKHU 3DUNWUJLV DOG WKH : HE %DVHG (GXFDWLRQ &RPPHUVUJ

Distance Education Demonstration Program

7KH SXUSRVH RI WKH ' LVNDQFH (GXFDWLRQ ' HPROQVUDWLRQ 3URJUDP LV WR DORZ SORW 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 GHVJQHG WR SURYLG IRU LQFUHDVHG VWXGHQW DFFHVV WR KLJKHU HGXFWRU WKURXJK GLVNDQFH HGXFWRU SURJUDPV DOG WR KHOS GHWHUPLQH

- WKH PRVW HIIHFWLYH PHDVV RI GHQYHULOJ TXDQW HGXFWRU WKURXJK GLVNDQFH HGXFWRU FRXUVH RIIHULOJV
- WKH VSHFLILF VWDWXU\ DOG UHJXDWRU\ UHTXUHPHQW 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 \*RYHUORU 8QLYHUV\ VKD\ EH eligible WR SDUWLFLSDWH LQ WKH GHPROVUDWLRQ SURJUDP

7KH 6HFUHDU\ PD\ ZDIYH VDWXWU\ 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\ FRUUVSRQGHQFH DOG WHHFRPPXQLFDWLRQV
- PDNH DO RUKHUZIVH HQJIEH LQVWLXWLRQ LQHJIEH LI SHUFHQW RU PRUH RI LW VWXGHQW DUH HOURQHG LQ FRUUVSRQGHQFH RU WHHFRPPXQLFDWLRQV FRXUVHV
- GHILQH WHHFRPPXQLFDWLRQV VWXGHQW DW DO LQVWLXWLRQ DV D FRUUVSRQGHQFH VWXGHQW SHUFHQW RU PRUH RI WKH LQVWLXWLRQV FRXUVHV DUH RIIHUHG E\ FRUUVSRQGHQFH RU WHHFRPPXQLFDWLRQV
- SURYLG WKDW DO DFDGHPLF\HDU PXVUHTXUH DW HDVW ZHHNV RI LQVWLXWLRQDO WLPH DOG

- SURYLG WKDW DO HQJIEH YRFDWLRQDO 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 QHJRWLDWHG 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 SRQ\ RI UHJXDWLOJ RQ\ ZKHQ DEVROXW\ QHFHVVDU\ WKH ZHUH LQFLOHG WR DEDQGRQ WKH QHJRWLDWHG UXOH PDNLQJ SURFHV VR WKDW WKH LQVWLXWLYH FRXG PRYH DKHDG H[SHGLRXV\ 7KLV GUHZ VWUHQJ UHDFWLRQV IURP VPRH LQ WKH KLJKHU HGXFWRU FRPPXQL\ ZKR IHDUHG WKDW QPLWHG LQSW IURP WKH KLJKHU HGXFWRU FRPPXQL\ ZRXG XQIDLU\ DGYDQDZH FHUNDLQ LQVWLXWLRQV WKDW ZHUH VHOHFWHG E\ WKH ' HSDUWPHQW 7KHUH ZDV DWR 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 TXHVWURODEH LQVWLXWLRQV 7KH ' HSDUWPHQW UHVSROGHG WR WKHVH FROFHUOV DOG DJUHHG WR SDUWLFLSDWH LQ H[SHGLWHG QHJRWLDWLRQV ZLWK KLJKHU HGXFWRU JURXS DOG RUKHU LQVWLXWLYH SDUWLHV RYHU WKH UXOHV IRU DGPLQLVWULQJ WKH SURMHFW

\$W WKH VDPH WLPH WKDW LW DXWKRUL]HG WKH GHPROVUDWLRQ SURJUDP &RQJUVV DVNHG IRU DO LQGHSHQGHQW HYDOXDWLRQ RI WKH SURJUDP IURP WKH \$GYVU\ &RPP\WHH RQ VWXGHQW )LQDQFDO \$VLVNDQFH (\$&6) \$ 7KH (\$&6) \$ LV DO LQGHSHQGHQW FROJUVWURODO\ FUHDWHG FRPP\WHH FKDUJHG ZLWK SURYGLQJ DGYIFH WR &RQJUVV RQ WKH FROVHTXHQFHV RI SRWHQWDO SURJUDP DOG SRQ\ FKDOJHV IRU PHHWLOJ WKH JRDOV RI WKH VWXGHQW DLG SURJUDPV \$&6)V SHUVSHFWLYH RQ WKH GHPROVUDWLRQ SURJUDP DOG RQ WKH FROVHTXHQFHV IRU WKH VWXGHQW DLG SURJUDPV RI UHGXFLOJ RU HQPLQDWLOJ VWLH EDVHG HQJIELO\ UHVVLFWLRQV 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 FROUDFW RU FRRSHUDWLYH DJUHPHQW ZLWK HQJIEH SDUHQHUVKLSV 7KH GHILQWLRQ RI HQJIEH SDUHQHUVKLSp HQFRPSDWHV WZR RU PRUH LQGHSHQGHQW DJHQFLHV RUJDQL]DWLRQV RU LQVWLXWLRQV DOG PD\ LQFOXGH KLJKHU HGXFWRU LQVWLXWLRQV FRPPXQL\ RUJDQL]DWLRQV DOG RUKHU SXEUF DOG SULYDWH 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 LQQRYSWLYH HGXFDFWRQDO VRIWZDUH
- WKH GHYHORSPHOW RI PHWKRGRIJLHV IRU WKH LGHQLILFDLRO DOG PHDVXUHPHQW RI VNLDO FRPSHWLQFH
- WKH GHYHORSPHOW DOG DWHVWPHQW RI LQQRYSWLYH VIXGHQW VXSURUW VHUYLFHV RU
- WKH VXSURUW RI RUKHU DFILYLILHV WKDW DUH FROVLWHQW ZLWK WKH SXUSRVH RI WKLV SURYLRO

SSQLFDLROV DUH DQWLSDWHG WR EH UHGD\ 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 &RPPILWLRO ,W LV FKDUJHG ZLWK FROGXFWLQJ 'D WKURXJK VIXG\ WR DWHW WKH HGXFDFWRQDO VRIWZDUH DYDLQGH LQ UHNDLO PDUNHW IRU VHFROGD\ DOG SRVWHFROGD\ VIXGHQW ZKR FKRRVH WR XVH VXFK VRIWZDUH µ 3XEQF KHDULQJV ZLW EH KHG LQ HDFK UHJRO RI WKH FRXQW\ 7KH PDIRULW DOG PLOLULW QHDGHUV RI WKH +RXVH DOG WKH 6HQDWH HDFK ZLW VHQFWWZR PHPEHU RI WKH &RPPILWLRO DOG WKH 3UHVLGHQW ZLW VHQFWW WKUHH PHPEHU UHSUHVHQWLQJ WKH ,QWHUQH WFKQRORJ\ LQGXVW\ 7KH 6HFUHDU\ RI (GXFDLRO ZLW DSSRLQW WKUHH PHPEHU ZKR VSHFLD]H LQ DFFUHGLDNLRO VINDH ZLGH FXULFXD DOG HGXFDFLRO WFKQRORJ\ QHWZRUV WR URXQG RXW WKH PHPEHU ERG\ 1R QNHU WKDQ VL[ PROQV DNHU WKH ULVW PHHWLQJ WKH &RPPILWLRO ZLW VXEPLW D UHSRUW WR WKH 3UHVLGHQW DOG WKH &ROJLHV FROWLQLQJ LLOGLQJV DOG FROFOXVROV DORQJ ZLWK UHFRRPHQGDNLROV IRU QHJLQDNLWH DOG DGPLQLVNDNLWH DFNLROV DOG WKH DSSURSULDWH IHGHDO URQH LQ GHUHUPLQLQJ TXDQW HGXFDFWRQDO VRIWZDUH SURGXFW 7KH &RPPILWLRO ZDV DDXWKRL]HG DW DOG UHFHLYHG DQ DSSURSULDNLRO IRU WKH VDPH DPRXQW IRU )<

INTELLECTUAL PROPERTY

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

- WKH GHVLJQDLRO RI DQ DJHQW WR UHFHLYH VINDWLRU\ QRWLFHV IURP FRS\ULJKWRZOHUV DERXW LQIUHQPHQW DOG WR VHQG VINDWLRU\ QRWLFHV WR DHHFWHG VXEVFULEHUV
- QRWILFDLRO WR WKH &RS\ULJKW ZLILFH RI WKH DJHQWV QDPH DOG DGGUHV
- WKH GHYHORSPHOW DOG SRVLOJ RI D SRLQ\ IRU WHUPLQDLRO RI UHSHDW RIHQGHUV DOG
- WKH DVXUDQFH WKDW WKH VVWHP DFFRPPRGDNLHV LQGXVW\ VINDQGDUG WFKQLFDO PHDVXUHV XVHG E\ RZOHUV WR SURWHFW WKHU ZRUNV IURP XQDZLXO DFFHW DOG FRS\ULJKW LQIUHQPHQW

\$ VSHFLDO H[FHNLRO KDV EHQ FUHDWHG IRU SXEQ DOG QRO SURILW KLJKHU HGXFDFLRO LQVWLWXWROV 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\ PROLURU PDWHULO RQ WKH ,QWHUQH WKH QPLNDLRO UHTXLUHV DQ 263 WR WDNH DFNLRO ZKHQ LW KDV 'DFWDO NORZOHGJHµ RI DQ LQIUHQPHQW E\ IDFW EURXJKW WR LW DNHQWURO RU E\ QRWLFH IURP WKH FRS\ULJKW RZOHU EXW LW GRHV QRW LPSRVH WKH EXUGHQ RQ WKH 263 WR PROLURU RU GIVFHYHU LQIUHQJLQJ EHKDYLRU

7KH QHZ WZ VKRXG JLYH QEUD\ DOG HGXFDFWRQDO VHUYLFH SURYLGHU JUHDWHU QHJD SURWHFWLRO DW D WPH RI JUHDW XQFHUWDLQH DERXW WKH GLWHFWLRO RI LQWHQFWXDQ SURSHUW WZ

## INITIATIVES RELATED TO DISTANCE LEARNING

### The ACCESS Project

,Q JHOHUDO VWXGHQWLOIRUPDLRO DOG VHUYLFHV DUH VWLWSDULPDULQ IQVWLWXLRQ FHOXHUHG DOG JHRJUDSK\ EDVHG ODQ\ IQVWLWXLRQV FXUUHQW RIIHUQJ GLVNDQFH (HDUQLQJ SURJUDPV DVVXPH WKDW VWXGHQW DUH (RFDO UHJLRQDO FROVWLWXQW ZKR ZLW DFFHV SHUHQHQW IQVWLWXLRQDO IQIRUPDLRO DOG VWXGHQW VHUYLFHV WKURXJK WKH FROYHQWLRODO FDPSPXV EDVHG VVWHPV 6LPLDUA PDQ\ IQVWLWXLRQV KDYH HVDEQVKHG VWDWH DOG UHJLRQDO DULFXDULRO DJUHPHQW DOG WUDQVHU SRQFHV

7R RYHURPH WKH JDS H[SHULHQFHG E\ PDQ\ VWXGHQW ZKR IDFH IQFUHDVLRQ FRPSH[ (HDUQLQJ VROXLRQV WKDW PD\ RYHUZKHOP WKH QPLWHG UHVRXUFHV RI WJGDLRODO DGYLQJ FRXQVHQJ DUHDV WKH 3XEQF %URDGFVWLQJ 6HUYLFH 3%6 LV HPEDUNLQJ RQ DO IQLDNLVH FDOHG 3URNHFV \$&&(66) XQGHG IRU RYHU WKUH \HDU E\ ),36( WKH IQLDNLVH ZLW GHVLQ HVDEQVK DOG RSHUDWH DW 3%6 DO IQLDNLVH ,QHUOHW ZHE EDVHG VWXGHQWGHFVLRO PDNLQJ DOG DGYLQJ VVWHP WKDW JLYHV VWXGHQW IQIRUPDLRO DERXW FROHJHV DOG GLVNDQFH (HDUQLQJ SURJUDPV QDLROZIGH \$V D XVHU IULHQG\ VWXGHQW IQIRUPDLRO 'EURNHUQJ FHOXHU WKH \$&&(66 SURNHFW ZLW RIIHU VWXGHQW D 'XUHP RI VHUYLFHV GHVLQHG IRU KHG WKHP H[SORUH WKHU DFDGHPLF DOG FDUHHU RSNLROV DOG IR GHFV RQ WKH EHVW FROHJHV DOG GLVNDQFH (HDUQLQJ SURJUDPV<sup>3</sup> IUVSHFWLYH RI ZKHU WKH\ SK\VLFDQ UHVGH<sup>3</sup> IRU WKHU HGXFDLRODO DOG FDUHHU JRDW \$GXW (HDUQHUV ZLW EH WKH GLUHFV EHQHILFDULHV RI WKLV SURNHFW

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,Q &RQJHUW DXWKRU\HG WKH 1DLRODO &HQHU IRU (GXFDLRO 6NDVWLFV 1&(6 IR HVDEQVK WKH 1DLRODO 3RVVHFROGDUA (GXFDLRO &RRSHUDNLVH 13(& ,W PLWLRO LV 'R IGHQNL DOG FRPPXQLFDMH ROJRIQJ DOG HPHUJLQJ LVXHV JHUPDQ IR SRVWHFROGDUA HGXFDLRO DOG IR SURPRWH WKH TXDUA FRPSDUDEQW DOG XLUW RI SRVWHFROGDUA GDND DOG IQIRUPDLRO WKDW VXSSRUW SRQF\ GHYHORSHQW IPSHPHQWDLRO DOG HYDQDLRO μ

\$V SDUW RI WKH FKDUJH IR 13(& D SRQF\ SDQH ZDV FROYHQHG IR DGGUHV WHFKQRORJ\ V HHHFWXSRO WKH FROHFWLRO RI QDLRODO GDND \$V D UHVXW D UHSRUW HQLWHG *Technology and Its Ramifications for Data Systems* ZDV SXEQLVHG IQ 2FWREHU . 7KH UHSRUW LV EDVHG XSRO WKH SUHPVH WKDW XVLQJ WHHFRPPXQLFDLROV EDVHG WHFKQRORJHV IR GHQYHU IQVWLWXLRQ DOG SURYGH DFFHV IR IQIRUPDLRO UHVRXUFHV KDV

WKH SRWHQDO IR FKDUJH SRVWHFROGDUA HGXFDLRO VLJQLFDQW<sup>3</sup> LW RUJDQL]DLRODO UHODLROVKISV IQDQFLDO RSHUDLROV VWXGHQW SDULFDLRO SDVWUOV DOG IDFXOA UROHV DOG UHSROVLELQNLHV 6RPH RI WKH SDQH REVHUYDLROV IQFQGH WKH IRORZLQJ

- ([SDQGHG XVH RI WHFKQRORJ\ VHPV IR SRQW IR DO IQFUHDVHG QHHG IR IRFXV RQ ERWK VWXGHQW DV WKH VRXUFH RI GDND DOG WKH GHYHORSHQW RI QHZ DQDNLFDQ FROYHQWLROV
- &XUHQW IQVWLWXLRQDO EDVHG VXUYHV VXFK DV WKH ,QHUJUDWHG 3RVVHFROGDUA (GXFDLRO ' DND 6\WHPV ,3(' 6 QHHG IR EH UHYLZHG
- \$VQFKURQRXV GHQYHU RI IQVWLWXLRQ ZLW FDO IQLR TXHVWLRO WLPH EDVHG PHDVXUHV VXFK DV RSHQLQ IDO HQURDPHQW VWXGHQW FUHG W KRUV IXW WLPH YV SDUW WLPH IXW WLPH HTXLVDHQF\ DOG UHWHQWLRO DOG JUDGDNLRO UDVHV
- 6VXGHQW ZLW EH VLPXQDQRXVA DILQNLHG ZLW PXQLSH SURYGHUV
- ' HILQNLROV RI SURJUDP FRPSHNLRO ZLW UHQHFV D EURDGHU DUUD\ RI (HDUQHU REMHWLYHV DOG FHWLFDLROV
- 7HFQRORJ\ FRXIG XQGHUPLQH WKH UHQYDQFH RI PDQ\ TXDUA IQGLFDLROV WKDW DUH FXUUHQW XVHG IQ SRVWHFROGDUA HGXFDLRO VXFK DV UHWHQWLRO DOG JUDGDNLRO UDVHV VWXGHQW IDFXOA UDLRV DOG QXPEHU RI ERRNV IQ WKH QEUDU\
- ,QVWLWXLRQV DUH QR (RQJHU WKH REYLRXV VRXUFH RI GDND DERXW SRVWHFROGDUA HGXFDLRO
- 1HZ SURYGHUV ZLW HPHUJH DOG GHFVLROV ZLWKDYH IR EH PDGH DV IR ZKLFK ZLW EH HQFRPSDWHG E\ IXUHU 1&(6 VXUYHV
- %DVLF GDND EXLQJLQ EORFN VXFK DV VWXGHQW DFVLYNLHV DOG IQVWLWXLRQDO IXQFLROV ZLW EHRPH (VV ZHO WLVFWXUHG DOG PRUH GLYUHV DFURW SURYGHUV

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

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

7KH &DPSXV &RPSXWLOJ 3URMHFW  
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### Intellectual Property

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

### The ACCESS Project

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

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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 RIJDQ]DLRO ZKR VH PLVLRQ IV WR IRVWHU DFFHW WR DQ  
TXDQW IQ SRVWHFROGDU\ HGXFDLRO 7KH ,QVWLWXWH-V DFWLYLWH DUH  
GHVUJQHG WR SURPRWH LQQRYPDLYH VROXLRQV WR WKH LPSRUHQDQ DQ  
FRPSH[ LVXHV IDFQJ KJJKHU HGXFDLRO )RU IXUWKHU IQIRUPDLRO  
SHDVH FROVXW 7KH ,QVWLWXWH-V ZHE VWH DW ZZZ IKHS FRP