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Safety & the Diverse Workforce:

Lessons From NIOSH's Work With Latino Immigrants

Michael A. Flynn

The U.S. workforce is undergoing dramatic o rap c s tst at ar y to cont nunt con cas—Incr as n part c pat on o n an wonn pr vous y n r s r at s ar ar t a n wor orc at ona s arc Counc an t nt rat on o — on so rs w o av s rv n Iraq an A an stan s nc at rston — ar ust a w c aract r st cs o t r n v rs wor p ac —

r aps ost not c ab st country s rown t n c v rs ty as a r su to rat on an r b rt rat s t s tr n as propt st at st at not n c or rac a a or ty w x st n t --by / Jo nson L c t r / -Eac roup br n s un qu xp r nc s ass ts an c a n s to t wor p ac n n ra an occupationa sa ty an at n part cu ar-E ct v y r spon n to t s v rs ty w b ncr as n y portant or pub c an pr vat s ctor nst tut ons a -

Immigrants & the Workforce

s rowt as b n acco pan by o rap c xpans on nto nontra t ona s tt nt ar as suc as t M^{\parallel} w st an out ast r ons o t --as rat on patt rns r spon to ob opportunt s Gouv a a n $\frac{1}{1/2}$ w s arc C nt r $\frac{1}{1/2}$ s rap an unant c pat rowt n bot tra t ona s tt nt ar as an ar as w t out b n ua n rastructur or a story o a Lat no co un ty pr s nt un qu c a n s an opportunt s or rants p oy rs sa ty pro ss ona s an nst tut ons c ar w t pro ot n occupat ona sa ty an a t H-

F ynn a

Occupational Health Disparities

rowt an xpans on o t Lat no rant popu at on as b n acco pan by ner as occupat ona a t spart s or Lat no rant wor rs—s wor rs su rs n cant y rrat s o wor pac orta t s $\frac{1}{7}$ p r $\frac{1}{1/1/1}$ t an a wor rs $\frac{1}{7}$ non Lat no w t wor rs $\frac{1}{7}$ or non Lat no b ac wor rs $\frac{1}{7}$ C rp c ty s Harr son ta $\frac{1}{1/1}$ F ur $\frac{1}{7}$ P ur $\frac{1}{7}$

Cons r a on Lat no rants to t -- av a wor pac ata tyrat o 4-pr r prson y ars w c sa ost rt ant rat or a wor rs, - an v n r at rw n co par to Lat no wor rs born nt -- F ur p -- Durn t sa pro two trso wor rat at sa on Lat nos w ra on or n born n v uas up ro ust or t an a n - s ata su st t at rant wor rs ay b t rv n orc b n t vat rat so wor pac n ur s an n ss sa on Lat nos n t --

r ct an n r ct cost o occupat ona n ury an n ss n t ——ncr as ro

b on or b on n n at on a ust o ars n to b on n

cov r ss t an b on o t s costs av n n ur wor rs an soc ty as a w o to absorb t s a t ona costs L

nat or Lat no rant wor rs t cost to soc ty w ncr as as t r

part c pat on n t wor orc rows ov rt —

or an ctv copttv ansa or an atons ust nsurtatty avt
nt ma capacity to succiss u y nt rat poy s ro an ncr as n y v rs
wor orc — s art c scuss st rantwor xp r nc bas on r c nt I H
r s arc wt Latno rantwor rs across t ——It nt s c a n st at H
pro ss onas an or an atons ac as t y wor to pro ot H a on rant
wor rs as w as so n ra strat s or so ut ons——t pr ary ocus st
Latno rantwor orc t n ra t s an approac s ar broa nou to n or
orts wt ot r wor orc roups as w —

Promoting Occupational Health Among Immigrant Workers

An ss nt a rst st p n prov n H a on any roup o wor rs s to un rstan t actors t at contr but to t r n ur s not o rap c c an s w not on y r qu r wor rs to nt rat an a apt to t wor s t but w a sor qu r nst tut ons to a apt an c an - r or t s portant to ocus on t v rs p rsp ct v s bac roun s an xp r nc s o a wor rs as w as t os o t or an at on Koonc

Knowledge as a Barrier to Safety

n rstan n ow to wor sa y s cruc a n avo n occupat ona n ur s an n ss spon arr va to t -- rant wor rs o t n ta obs n n ustr s n w c t y
not wor pr v ous y E rt D Lan y F ynn t a - y ar o t n un a ar w t

t acnsc casan atrasprsntnort a arsassocat wtt –Evn rants wowor nt sa nustry otnn r nt atras an procurs

For xa p rs nta o construct on n M x cootnr soncn rb oc san c nt w ras at rassuc as woo an rywa ar or co on n any aras ot --F nay t r u atory structur an v rac ty o r u at on n orc nt n t -- ay r rat y ro t at o t r o country F ynn C c E rt ta $-\frac{1}{2}$

r or v n wor rs ar awar o t sa tyr u at ons ov rn n t rwor t y ay not now ow to a r ss an unsa s tuat on—

As a r su t prov n ct v sa ty trann s an ss nt a pract c -How v r conc rns av b n ra s about t qua ty o trann t at rant wor rs r c v -Brown oun t at any pans an ua sa ty at ras w r o poor qua ty-In a t on rant wor rs r qu nt y r port not r c v n any sa ty trann on t ob n t --Gany. Dobs aw a r ta-1 Connor Loo s unyan ta-1 --

Language as a Barrier to Safety

Lan ua r nc s b tw n rant wor rs an t r sup rv sors an cowor rs ar on o t ost r qu nt y c t c a n s co pan s ac n pro ot n sa ty a on rant wor rs Gany. ta — s s part cu ar y co on n ar as o t — t at av tt to no b n ua n rastructur Gouv a a n w H span c C nt r.

A co on pract c n co pan s w t no b n ua sta s or t ana r to nt y t b st En s sp a r a on t rant wor rs an av r trans at or t ot r wor rs—s can a to sco un cat on t p oy s not as co p t nt n En s as t sup rv sor b v s—A t ona y t puts t s p oy n a post on to at t

An a t rnat o s to prov bot En s an pans c ass s so t at a wor rs av t opportunty to prov t r co un cat on s s an v n t r cono c s tuat on pro c ncy w t a s con an ua s r war by a sa ary ncr as or a pro ot on—s ar stru o arn n anot r an ua ay a so p br a own barr rs w t n t wor orc as cowor rs bot rant an —born s ac ot r tac t c a n s o arn n anot r an ua —In c ass s cou b structur n suc a way t at stu nts cou pract c w t ac ot r w c cou a so ost r ncr as contact b tw n wor rs o r nt bac roun s—

Workers' Culture as a Barrier to Safety

t ab ty to co un cat s ss nt a xat on on an ua can caus ot r portant cu tura r nc s to b ov rs a ow —In t cont xt o H an rat on culture can b n ray un rstoo as a syst o s ar b s an b av ors t r brou t ro o or t at v op a t r arr va t at pact ow roups o wor rs p rc v un rstan a apt to an a r ss wor r at sa ty conc rns—

Cu tura actors t at aya ct sa ty at wor nc u ow rants un rstan wor an t rr at ons p to t r cowor rs an p oy rs owt s un rstan n s co par to t r nat v country xp r nc s owt yp rc v t an rs at wor r at v to ot r r s s t y ac ac ay owt y a apt to wor p ac an rs an owt s un rstan n s ar s ar an r nt ro ot r roups o wor rs—

A stu y o a s a roup o Lat no rant wor rs n C ca o IL ocu nts owt s wor rs b av ors r ct a cu tur t at p ac a va u on ar wor an b n p rc v as suc by t r p oy r Go b r Muno - s wor rs w r obs rv a n ov rt onstrat ons o t r pro uct v ty to curry avor w t p oy rs an cu t vat a r putat on as b tt r p oy s w c to a co p tt v n t abor ar tr at v to --born wor rs- s stu y a so scr b s t var ous tact cs t roup us to nsur t at ta b rs a nta n a pro uct v ty v - t s strat y ay prov ct v n s cur n p oy nt t can a to an ncr as r s o n ury ov r t -

E poyrss n to crat a sa wor nv ron nt ustr con t s vo v n va u syst s an a aptatons so t y can b a r ss ur n trann or non on on nt ract ons—A co on sta a by —born ana rs s to ov roo t s n cant v rs ty t at x sts n t Lat no rant co un ty E rt Fynn —

D r nc s suc as on s country o or n t n c ty or rac pr ary an ua pans or a pr Co u b an an ua pr v ous wor xp r nc t n t —an v o or a ucat on ar a on t any actors t at contr but to v rs ty n t Lat no rant co un ty an pact ow rant wor rs r at to t r cowor rs bot rant an —born t r p oy rs an wor p ac sa ty—s r nc s can p ay a cr t ca ro n ow wor rs r spon to a ar s an ust b account or n trann cont nt or at an ssa s Brun tt — Connor t a—

It s a so portant to cons rt s actors np rsonn c s ons- o c vr t wor bns- at

an ua s sar ss nta or ct v co un cat on t s portant to account or actors suc as soc a post on p rsona ty an xp r nc w n r n sup rv sors or sa ty pro ss ona s E rt Fynn $\frac{1}{\sqrt{1-x}}$ — ab ty to sp a a an ua o s not ant at an n v ua as t p op s s or t c n ca now n c ssary to b an ct v a r—Fn n qua n v ua s can b cut sp c a y n ar as o t country w t a t nu b r o b n ua n v ua s n t abor ar t—Co pan s ust ta car to not b co ov rcon nt t at t y av so v t r an ua prob s p y by r n on b n ua n v ua—

Institutional Culture as a Barrier to Safety

Anot roo on sta s ocus n on an rant s cu tur w t out xa n n or account n or t or an at ona cu tur or t at o wor rs ro t o nant roup—scop o t s art c o s not a ow or a ta scuss on o ar as suc as or an at ona cu tur v rs ty an sa ty cu tur — u c t to say t at or an at ons ust v op an un rstan n o t r sp c c cu tur an t r to w c r y n on • t way w o t n s r ay na v rt nt y xc u wor rs ro rnt bac roun s—

Gran qustons ay ncu at vau os ana nt pac on saty. Ist s consist nt y n orc nt so bot an ow projuct vity. How sit so un cat to poy s. How t t En s projection concerns at or a an nor a cann sar us to a riss saty concirns. Art sopinto a wor ris. How tacutura spost on to noncon rontation with autority a ct portant saty nor at on own row or risto suprivious ana ana ris.

n rstan n an ov rco n cu tura barr rs to sa ty r qu r s s ns t v ty to p oy s r nt cu tura bac roun s now o t or an at ona cu tur an an appr c at on o w r t s ay n r or ac tat a co on un rstan n an pract c —

Structural Realities as a Barrier to Safety

E ct v co un cat on an prov cu tura ty

By nton nat n structura barr rs ot nr qurscan snpocs an practes at vs -- n ustry ra ov rn nt nt rnat on ar u atory boy by on t at o t nv ua wor ror or an at on- nv ua wor rs or or an at ons can a vocat ov rt or structuracan to nat barr rs to saty ty ot n can tas or tr actions to tatt cts o structura barr rs on saty-

n suc xa p r at sto prop r tt n sa ty qu p nt or v rs wor rs—Many E sp c cat ons n t — ar bas on asur nts ta n ro tary a r cru ts n t — ur n t $\frac{1}{2}$ s to $\frac{1}{2}$ s pa r Kau Hs ao ta $\frac{1}{2}$ — s ata o not account or t ran o bo y s ap s an s s o t o rn c v an wor orc an cons qu nt y structura y xc u any wor rs n to ay s cono y— s cr as s t ab ty to ac v oo E ts or wo n nonw t s an n v ua s w t un qu bo y s s or s ap s Hs ao Fr ss Bra t r ta $\frac{1}{2}$ — s s prob at c b caus poor t not on y r uc s t E s ab ty to prot c t t wor ras s n t ay a so caus a wor r to r uc or nat ts us b caus t ar s p r c v to b t r n c t v or unco or tab Go n ar w n y $\frac{1}{2}$ —

Curr nt nt at v s ar ocus on v op n b tt r t o s to co ct ant ropo tr c ata an nsur t at atas ts us to s n E ar or nc us v – For xa p r s arc rs ar nvo v n prov n t to r sp rators an a prot ct on arn ss s or a w r ran o bo y s ap s Hs ao Z uan B nson scus – or ust b on to up at ant ropo tr c atas ts an E or t o rn wor or I Hs or at v r s arc su stst at a t rnat v s E – s n or wo n un s x ay b or w y ava ab t an pr v ous y t ou t – How v r poor a v rt s n to t os w t purc as n aut or ty an r str ct v – bu purc as n po c s w t n or an at ons o t n pr v nt t s opt ons ro r ac n wor rs D Lan y –

 F ynn a .

Fn ns rot ocus roups su st tatbu n wor rs nbot roups wr or y to roon t rs o ow bac nury ur n anua at ra an ntanot r pot nta M Drss—art c pants nbot roups scrb avor n pub cat ons wt or ustrations an t txtantcnca xp anations Abrs Cato—D rncsb tw nt two roups wr appar ntw n scrb n pot nta ntry ntons or M Drss as rant wor rs wr or y to su st wor r trannan wor rus rat rtan subst tut n toos an qup nt or abor or ut n r nt bu n at ras—

n or at on about act onab nt rv nt ons nc t pub cat on was nt n to prov ocus to t ar a t at part c pants c ar y r co n c to t t at co ut ons or Ho Bu n ocu nt pub s was. p or rs or rvntn Manua Matra Han n Inurs, I H ub caton o-A Bas c Gu $an \left(\begin{array}{cccc} 1 & 1 & 1 \\ 1 & 1 & 1 \end{array} \right) = p \left(\begin{array}{cccc} 1 & 1 & 1 \\ 1 & 1 & 1 \end{array} \right)$

Conclusion

n or n c ssary a aptat ons to curr nt pract c s to a t or r spons v to a v rs wor orc - r an at ons an sa typro ss onas w ncr as n y b ca on to v op an p nt sa typro ra s t at account ort s v rs ty- o ct v y pro ot H a on wor rs a co pany ust un rstan t v rs ty t at curr nt y x sts n t wor orc an ow wor rs approac on t ob sa ty-

Ess nt a to t s proc ss s v op n a or pr c s un rstan n o t wor orc an an appr c at on or t v rs ty t at x sts w t n roups o wor rs suc as Lat no rants— rans at n t s v rs p rsp ct v s nto ta or pract c s an nt rv nt ons w p nsur t at r nt v s o now an cu tura p rsp ct v s ar sp c ca y a r ss n tranns—

E orts to cr at nst tut ona capac ty to n ct n y wor n that n is tut ona capac ty to n ct n y wor n that n is tut ona capac ty n is n as n as n in n

tructura barr rs to sa ty ar cut to a rss an w yr qur t at an or an at ons s on tr so ut ons w a so a rss n s ort tr cts—E ct v y a rss n t v rs ty t at curr nt y x sts n an or an at on w not on y prov a oun at on or nt rat n t os wor rs but can a so bu nst tut ona capac ty t at w nab an or an at on to or as y nt rat v rs roups o wor rs n t utur —PS

Biography

Michael A. Flynn, M.A. sa soca sc nt st w t I H s rann s arc an Eva uat on Branc n C nc nnat H w r s proctocr or ar s arc prora

ocus on bitt run rstan n an provin ti occupationa ait o rant wor rs—Fynn sia so assistant coor nator or I. His riority opulations an Hait Dispart siro ra—Boron n I. However or non ovirn inta or an atoms n Guatia a Maxico an ti —Fynn o sia ra uatir n antiropo o y roin virsity o Cincinnatian sia sia siarc Fow oit Consort u or Mauticultura syciology is arciat Macian tatin virsity—

References

- Jo nson KM L c t r D -Grown v rs ty a on A r cas c, r n an yout pat a an
- Kr r or rs ar p op too oc ta asp cts o occupat ona, a t spart s An cosoc a p rsp ct v -A r can Journa o In ustr a M c n - 1 a - 0 - 1 a - $\frac{1}{1}$ = ubM $\frac{1}{7}$ $\frac{1}{77}$
- Kr r at r an D Hart an C ta oca a ar sont ob or pac abus s xua arass nt an rac a scr nat on A stu y o b ac Lat no an w t ow nco wo n an n wor rs n t --Int rnationa Journa o H a t rv c s $\frac{1}{1}$ $\frac{1}{2}$, ubM 141, 14.
- Lan sb r s A Gr ywac JG LaMonta n AD- or or an at on ob ns cur ty an occupat ona
- , J Econo , c bur, n o occupat ona n ury an n ss n t −− M ban uart r y−
- I H- A construct on a n a- $\frac{77}{17}$ a n as construct on p s Const ct 7 p
- a n as construct on p s Const 'ctl'/ $_{//}$ 7-p at ona s are Counc –Lon t r p cat ons o an o r popu at on– at ona Aca y r ss as n ton DC / A n an t acro cono y-
- Connor F ynn MA nstoc D t a E ucat on an tra n n or un rs rv popu at ons ap, rpr s nt att E natn H at an a ty D spart s at or Con rnc C ca o IL-1, ...-
- Connor Loo s D unyan C t a -A quacy o a t an sa ty tra n n a on youn, Lat, no construct on wor rs-Journa o ccupat ona an Env ron nta M c n -, ubM 4.1 4.1.
- ass J Co n D - popu at on pro ct ons / 4 / w s arc C nt r as n ton DC | _____
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 qu ra CE Gay os M Mon orton C t a -E cts o soc a cono c an abor po c s on

IN BRIEF

Co pan s ust ac c rta n c a n s n nt rat n p oy s ro an ncr as n y v rs wor orc to r a n ct v co p t t v an sa -

s c a n s nc u now $a^{1/2}$ Lr - suc as un a arty wt at r a s nos sut ona Lr - suc

F ynn a ...

or an ctv.co pttv an sa or an atons ust nsurt att y av t nt rna capac ty to succ ss u y nt rat poy s ro an ncr as n y v rs wor orc -

F ynn a ...

E orts to cr at $\ \,$ nst tut ona capac ty to $\ \,$ ct v $\ \,$ y wor $\ \,$ w t $\ \,$ a $\ \,$ v rs wor orc r qu r bot s ort an on t r $\ \,$ p ann n $\ \,$

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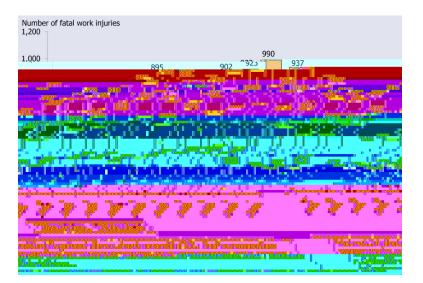


Figure 1. Number of Fatal Work Injuries for Latinos, 199 - 011

Note. Data ro

xc u ata wor n ur s r su t n ro t pt—t rror st attac s—pr nt ro • C nsus o Fata ccupat ona In ur s C arts

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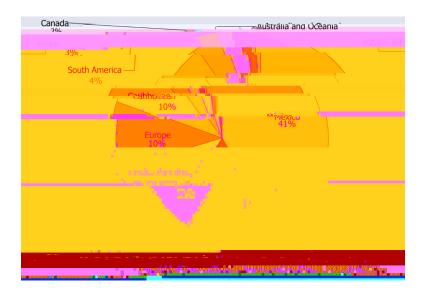


Figure . Fatal Injuries for Foreign-Born Workers, by Country or Region of Birth, 011

Note. rc nta s ay not a to u to roun n - pr nt ro • C nsus o Fata ccupat ona In ur s C arts r v s ata . by Bur au o Labor tat st cs -- D part nt o Labor