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A` ? Sk S V f [I SeZ[Yfa` t6 5 z fZWG E z 6 W0 Sd_ Wf aX: V8 fZ S V: g_ S
E V h[UW e/: : E f i A U W a X? [a d f k: V8 fZ / A ? : f i S V G E z 7 h[ca` _ W f S^ B c a f V U f[a` 3 Y W U k
/ 7 B 3 f i A U W a X 7 h[ca` _ W f S^ g e f[U W A 7 f i U a e b a` e a d W f Z W B u i l d i n g H e a l t h y E n v i r o n m e n t s
t o E l i m i n a t e H e a l t h D i s p a r i t i e s e k_ b a e g_ X a d e W [a d z W W 8 W W S^ Y a h V d _ W f W_ b^ a k W e z
[e e k_ b a e g_ i S e f Z W- c d f a V j b^ a d W f Z W[f V e V U f[a` T V i W W Z V 8 f Z V [e b S d f[V e S V
W h[ca` _ W f S^ g e f[U W S V f Z W S k e[i Z [U z 8 W W S^ S W U U e U S W W W a b b c a S u r f h W U a_ Z
b d / Z W e h W S V [f W c S f W e f d S f W V e f a T g [V Z V 8 f Z k W h[ca` _ W f e[U a_ _ g [f [V e e g V d Y
X a_ Z V 8 f Z V [e b S d f[V e z

W e k_ b a e g_ T g [f a` f Z W_ a_ W f g_ U d S f W T k : : E e N a t i o n a l L e a d e r s h i p S u m m i t o n
E l i m i n a t i n g R a c i a l a n d E t h n i c D i s p a r i t i e s i n H e a l t h [g k z 3 e S V [d W f d W g f a X f Z [e e g_ Z
_ [f i f Z W V 8 f Z 6 [e b S d f[V e S V 7 h[ca` _ W f S^ g e f[U W i d

Mammogram in Last Two Years Among Women 65 Years of Age and Older
(age adjusted to the year 2000 standard population)



Panels and Presentations

A hvd fZwUagcdWáXfi a vSkd bS Wá b dW WfSf[a` d S V V[eUgea` eXáUgeW a` fZWá ai [Y Sd/Se

- ‡ **Linkages Between the Environment and Health Disparities?** aWdSfW Tk 6d
Ef[ea` fZ[e bS Ww/b`adW fZW[] SWeTVñ Ww fZWWh[ca` _ Wf S V ZVsfZ V[e bSf[Ve
fZdagYZ fZW[WdWf Sur[hf[VeUa` VgUFW Tk hScage8WwS^SWUWé
- ‡ **Exploring the Nexus** z6dEf[ea` ^W fZ[eV[eUgea` i [fZ 8WwS^SWUWé STagf Za [ef[U
[fWdSfW SbbcbSLZVefa Tg[V[Y ZVsfZk Wh[ca` _ Wfe-bSf WéZ[bei [fZ S V USbSUFk
Tg[V[Y aXUa` _ g` [fVé [bcbhW 8WwS^Uaad/[Sf[a` S V Ua^STadSf[a` -S V [bWé
_ WfSf[a` aXfdS eSf[a` S^efcSfW[Vé
- ‡ **Communities, Health Disparities, and Environmental Quality** žCgWf[BS[d -6f dS^
3ffad Wk 7 h[ca` _ WfS^7 XadW Wf EWf[a` f6V6Scf_ Wf aX-gef[UW_ aWdSfW fZ[eV[ež
Ugea` aXWwS^k Xg` Ww bcbYdS_efZSf Ww a` efcSfWZai Ua` _ g` [fk [ha`hW Wf [
bSf WéZ[b WwVab_ Wf [eUdf[US^xadWh[ca` _ WfS^gef[UWé
- ‡ **Prospects for Federal Collaboration** žl [^S_ : žES Wd ; ; ; 6cb: f3ee[efS f
3V_ [[efcSfadA UáXBa`g[a` S V Faj [Ud 7B3feg_ _ Sd] W fZW-df VSkiebdW WfSf[a` e
S V dUa` _ WwW bcbSUF[UWefVbafa [bcbhWfZW8WwS^YahVd _ Wfiewadefafa SWdVé
Wh[ca` _ WfS^ZVsfZ Ua` UWd ež
- ‡ **Voices from the Field** žDgWw I SdWf66Ei? B: f6cb: f3eeUfSfW3V_ [[efcSfadXad
GdTS 3 S[ca` 3YWUk XadFaj [UEgTefS UWéS V 6[eVSeWdW[efdk/3FE6Dfi5WfVéXad
6[eVSeW5a` fca`S V BdW Wf[a` /565fi_ aWdSfW fZ[e bS WáUgeW a` Ua` _ g` [fkž
TSeW bVcbWf[hVéa` Zai 8WwS^SWUWéUS TVfVdSvdVéZVsfZ V[e bSf[Vé ZVsfZk
Wh[ca` _ WfS V Wh[ca` _ WfS^gef[UWé
- ‡ **Current Federal Initiatives?** aWdSfW Tk: Sd V LW[U] fBZ6f 7B3fZ[e~ S^bS Wbcbž
h[WwS ahW hW aXhScageUgdWf 8WwS^ [f[Sf[hVéfZSf [UgWwS eSf[a` S^dWéSLZ
SUR[hf[Véž

Key messages

Eij] Wk fZW_ WefZSf Ugf SubeefZWbS Wfab[UeW_ WdW Xa_ fZWek_ baefg_ ,

- ‡ >SWéZ[b [eUdf[US^] agdW WwS^hadž
- ‡ @a a` WZSeS^aXfZWS éi Wé [SLZ[M] Y ZVsfZk Wh[ca` _ WfeS V Wf_ [Sf[Y ZVsfZ
V[e bSf[Véž
- ‡ EfsVé^aa] fa fZW8WwS^eUfRadXadSWéZ[b [WwU_ [[Y bcbadf[Véi Z[Wef[^eWY] Y
fa_ S] fS[Ua` fca`aXfZV[dTgVWfVéž
- ‡ ?] **F O U T X I U B U F T E @ € • O á à U ð F J F T T X ð Ì E / E F O @ • F J S S T G U B U**

3YWUWagfeVWáX : E S V 7B3 Sea ZShWS MSWteZ [b da Mfa b^Skz_ [^8dS] W#3ee]eS f



Next Steps

3. We will continue to work with our partners to address the needs of the communities we serve. We will also continue to work with our partners to address the needs of the communities we serve.

4. We will continue to work with our partners to address the needs of the communities we serve. We will also continue to work with our partners to address the needs of the communities we serve.

5. We will continue to work with our partners to address the needs of the communities we serve. We will also continue to work with our partners to address the needs of the communities we serve.

6. We will continue to work with our partners to address the needs of the communities we serve. We will also continue to work with our partners to address the needs of the communities we serve.

Recommendations Summary

dagYZagf fZWk_ baefg_ fVMS^dVa__ WVSf[a` ei VMS^ea_ SVZ VdVdVa__ WVSZ
f[a` eeg__ Sd| W [-hW_ SadSdSe, efdSFW[Ua__ g` [USf[a` d` efdVYfZW[Y fZVdUWUW
TSeWTg[V[Y bScf Vdz[bd ba [k Wmab_ Wf S V MSgSf[a` t S V [] [Y bVab Wfa ZVSfZ
dVh[UeZ

Strategic Communications

- ‡ 8SU[fSFWa__ g` [USf[a` eS_ a` Y S^bScf[Vei ad [Y fa [bchWaUS^Wh[ca` _ Wfs^
ZVSfZ
- ‡ 4VfVdWgUSFWZWWVMS^bgT [U ba f[U S d S V [V[hVgSe[_ W[US^WgUSf[a` STagf
]Vk [eegVez
- ‡ 5aad/[SFWZWbca_ af[a` aX_ badfS f` gdf[a` S^_ VesVes_ a` Y fZVdVMS^8WVMS^
efSfWS V ^US^bcaYcS_ d SYWU[V S V adrS [Sf[a` ez
- ‡ 6VWab WgUSf[a` S^_ S[VSei [fZ La__ g` [fk Wh[ca` _ Wfs^ZVSfZ [Xad_ Sf[a` fZSf [e
` af d[V[k SUVeT VZ
- ‡ 5dSfMS ZVSfZ V[dVfack ada UWfa ZWb` Sh[YSFWZdagYZ fZWbWMS^SWU[V [ha^hW
[Wh[ca` _ Wfs^gef[UMS V ZVSfZ V[ebScfk [eegVez

Strengthening the Science Base

- ‡ GeMS: Vsfzk 5a__ g` [fV? aWfZSF [UadbadSfVLa__ g` [fk USbSU[fk bZke[US^S V
eaUS^Wh[ca` _ Wfi Wh[ca` _ Wfs^ZVSfZ efdVead S V bgT [UZVSfZ agfLa_ Vd ZVSfzk
La__ g` [fVes V fZV[d[fVdSf[a` ez
- ‡ 6VWab_ WZaVefa efgVk Wh[ca` _ Wfs^ [bSUF ge[Y Si W^ Ve_ aVVe
- ‡ Bch[VWVa` YZVd_ egbbadf S V _ aWf k [UdSeWg` V[Y XadLa__ g` [fk ZTSeWf La__ gZ
` [fk ZLa` fca^W dVdSdZz
- ‡ Bch[VWdVdSdZ fcd [Y XadLa__ g` [fk S V kagfZ S V Uj fgd^eWef[h[fk fcd [Y Xad
h[e]fadz
- ‡ DW Sd/ S V SbdV[SWa__ g` [fk dVdSdZVe agfe[VMSUSW [SS V @;: z
- ‡ Eba` eadb[afefa SVhS UbdSUF[UWz
- ‡ 6VWab bcdSUF[US^SeVe_ Wf faa^ez
- ‡ 6VWab_ WZaVefa efgVk e_ S^babg Sf[a` ez
- ‡ 4VWVW` kagd_ W[U[WS V fZWgfgdVZ3UWb S V [UadbadSfVcdS[f[a` S^VLa ^ Y[US^
]` ai WVV[fa 8WVMS^S V eSfWSWU[V S V bcaYcS_ ez

Linking People to Health Services

- ‡ ;WVf[k bcdSUR[US^ea'gf]a` efa Ua__ a` Ua__ g` [fk Ua` Uvd ež
- ‡ FdS[S^ZV\$FZ USdNbdXWef]a` Se[Wh[da` _ WfS^_ W[U] Vž
- ‡ ; UdV\$WZW g_ TVdaXeg_ _ WdVfVd ež[beS V!addfSf]a` eXad_ W[US^efgVWfd WfS^
efgVWfd` gdeVd S V afZVdZV\$FZ USdNbdSUR[f]a` Vde[fZWdV\$aXWh[da` _ WfS^_ W[ž
U] Vž
- ‡ 5dV\$W\$Ugfk WdWab_ Wf bcdYcd_e[Wh[da` _ WfS^_ W[U] Vž
- ‡ 8g` V dVdVWUk fdS[[Y [Wh[da` _ WfS^_ W[U] Vž
- ‡ 5a` f[gWfa bcdh[VWUa` f[g[Y_ W[US^WgUSf]a` [Wh[da` _ WfS^_ W[U] WadbZkež
US e[bcdSUR[U] Vž
- ‡ 3Vabf S [fVdVWUk SobcdSLZ i [fZ 5a` YdVefa SWdVde[YSUWefa USdV\$ V Xg` V[Yž
- ‡ 7j b`adVfZWgeVdXfWVž_ W[U] Wfa WSTVbd_ Sck USdNbdZkeU]S efa Ua` egf i [fZ aUgbsž
f]a` S^S V Wh[da` _ WfS^ZV\$FZ dVU]S[efez
- ‡ AdrS [WfdS[[YfZSf [fWdVfV\$S^SdbWfefaXWh[da` _ WfS^ZV\$FZ[U]gV[YbSdf Vž
ež[bel USbSURfk Tg[V[YfS V de] SeeVde_ Wfž

A D

Speaker

Nathan Stinson, Jr., PhD, MD, MPH

6Wbfgk 3ee[efS f EVUdW7Sk Xad? [adfk: V8fZl 6VbScf_ WfaX: V8fZ S V: g_ S EVhUW6
/: : Efi
5aZ5ZS[d; fVbSWUk FSe] 8adUW` : V8fZ 6[ebScf[VeS V 7 h[ca` _ WfS^gef[UW

[eek_ baefg_ [eS agfYdai fZ aX: : Eez@Sf[a` S^>VbWbZ]b Eg_ _ [f a` 7[[Sf] YDSUjS^
S V 7fZ [U6[ebScf[Ve[: V8fZSS V S[_ efa Ua` f[gWTg[V[Ya` fZW_a_ Wfg_ XadSVZ
VdVef Y fZWg` VtgS^Tgd/W aXV[eVSeW[Ua_ _ g` [fVbSUb eefZWUag` fdkZ3f `Sef kVScde
eg_ _ [f fZW WW fa VjS_ [WfZWWh[ca` _ Wf fZagef Yi S V XaaV SeLa` fdTgfacefa ZV8fZ
V[ebScf[Ve Sei W^Sefa [WVf[k efcSW[Vefa i ad] _ adUa^STadSf[hWk fa [bSUR fZVWV[eZ
bScf[Vei VdW[eUgeWz

;` fZVbWbWbS^Wadfd [f [eL_ badfS f fa fZ[] Xa_ fZWbVbWVf[hWaxfZW[V[hVgSe^h[Y
[fZVWUa_ _ g` [fVbZ` Wba` fVjS V TSe[USeeg_ bfa` eg` Wdi Z[UZ_ S kbgT[UZV8fZ
bdSUR[f[a` VdeabVbWVadVjS_ bWScdAXW ` af S[Y W i [fZ fZWS[k VjVbVWUWaxLa_ Z
_ g` [fVbZeg Vd Y Xa_ ZV8fZ V[ebScf[VeBdWUdT[Y S S fT[af[UfZSF dVeg[dVdVdVbSf[a`
fa fdVfSUL[VeS Vsd[XUV[a` [e` af S` abf[a` Xad[V[hVgSe[S@ShSa Ua_ _ g` [fk
i [fZagf WUVfUfkzi WUS ` af VjVbWV [V[hVgSe^fa Sbbk i Wfa Vdk VdVef Yefa Tgd eXagd
f[VbSVSk [XfZVk ZShW a dg ` [Yi SfvdS V_ gef ZSg^i SfvdXa_ eVWbS^ [VbSi Skz

3bbcbcdSfW[fVhWf[a` ba[feSdW WWW XadVbUZ bScf[Ug`SdU[dg_ eS UW9[hW fZ[e
` WW S V fZWbdWbSWUWaxZV8fZ V[ebScf[Ve [f [eUdf[US^Xad: : E fa VjS_ [WfZVWV[fVhWZ
f[a` ba[feS V fZWabbadg` [fVbfa i ad i [fZ afZVb i Za US ZVb [bSUR fZVWV[egVb
Xa_ SLa_ bdZVWefhVbWbWVf[hVz

[eek_ baefg_ [efZW-df eVb [SeVdVeaX_ Wf[Yefa TWadS [I W fa _ aT[[Wefca` Y
bScf VbZ]bei [fZ[: : ES Vi [fZ 7B3 S V afZVdWbWbS^SWU[VbZA hVd [V[hVgSe
Xa_ ahVd V[VdVf SWU[VbScf[U]bSfWz8gfgdWUbad[SFW SUR[hf[Vei [^TWb`S ` W fa
XgdZVdVj/bS V fZW]` ai WYWTSeVbS V eWV fZWSUR[hWbScf[U]bSf[a` aXS WUVW_ [adfk
La_ _ g` [fVbZ

Ge[Y S` g_ T VdaX_ V fZaV d A ? : bgdgV e[fe_ [eea` Tk Si SdV[Y YdS feS V UababV S f[hW
SYdWV W f e b d a h[V[Y f W V Z` [U S` S e e f S` U M S V f d[[Y f W e g d[Y f Z S f S V W e g S f W S f S a`
d S U S` S V V f Z` [U b a b g` S f[a` e S d W a` W V W S V V [e e W_ [S f W I S` V e W Y[Y e f d S f W [U b S d` V e Z`
e Z [b e A ? : e W h V e f Z W b a b g` S f[a` e i Z a V [e b d a b a d f[a` S f W k [h W S V i a d [g` Z V S f Z k W h [Z`
d a` _ W f e g V d_ a d W k a_ U Z d a` [U [^ V e V e S V V y b V d W U W Z [Y Z V d_ a d S f k d S V e 3 X [U S`
3_ V d [U S` d 3_ V d [U S` ; V [S` d 3 S e [S @ S f [h V e 3 e [S` 3_ V d [U S` d : [e b S [U e > S f [a d S V @ S f [h W`
: S i S [S` e S V a f Z V d B S U [- U : e S W e Z`

OMH strategies and programs

W H S Initiative to Eliminate Racial and Ethnic Disparities in Health W_ b` a k e - h W U b e e Z b g f Z`
f [Y e f d S f W [V e f Z S f S d A g e W S e S_ V S` e f a U a` U M f g S [W W [d V U f e d V Y f Z W I S V [f W d S f W`
S U f[a` e S V S U f [h f [V e` a f a` k i [f Z [S V S u b e e : : E i T g f S e a S u b e e f Z W B W W S` S V a f Z V e`
W V e a X y a h V d_ W f i f Z W b g T [U S V b d h S f W e W f a d d Z V S f Z S V` a` Z o d a - f W f [f [V e S V f Z W`
` S f[a` z` V e V e f d S f W [V e S d V e f d S f W [U b a_ _ g` [U S f[a` d e f d W Y f Z W [Y f Z W e U W U M T S e W T g [V Z`
[Y b S d` V e Z [b e b a [k W W a b_ W f S V V S g S f[a` I S V [] [Y b V a b W f a Z V S f Z e W h [U e Z`

Strategic Communications

W e f d S f W [U b a_ _ g` [U S f[a` e e f d S f W k [h a h V e U a_ _ g` [U S f[Y T a f Z A ? : S U f [h f [V e S V`
[b a d S` f_ V e S W e f a [V [h [V g S e [U a_ _ g` [f [V e S T a g f Z a i f a [b a h W f Z V d Z V S f Z z` W`
A U W a X ? [a d f k : V S f Z D V e a g d W S W f W A ? : D 5 f i S V h S d a g e Z V S f Z U S_ b S [Y e E e g U Z`
S e C l o s i n g t h e H e a l t h G a p , T a k e a L o v e d O n e t o t h e D o c t o r D a y , a n d H e a l t h i e r U S E S d W V k`
[b` W_ W f S f[a` e f d S f W [V e [f Z [e S d V S z`

Strengthening the Science Base

H e a l t h y P e o p l e [e S e f S f W_ W f a X` S f[a` S` Z V S f Z a T V U f [h V e W e Y` W f a [W W f [k f Z W`
_ a e f e Y [- U S` f b d W W f S T W f Z d S f e f a Z V S f Z S V f a W f S T [e z ` S f[a` S` Y a S e f a d V g U W f Z V e W`
f Z d S f e z 5 a_ b a e W a X` X a U b e S d S e [f [e W e Y` W f a S U Z [M W f i a a h V e S d U Z [Y Y a S e z` W - d e f`
Y a S` e f a Z W b [V [h [V g S e a X S` S W e [U S e W [X W y b W f S` U k a n d [b a h W f Z V d c g S f k a X [X V`
W e U a` V Y a S` e f a W [_ [S f W Z V S f Z V [e b S d f [V e S_ a` Y V [W W f e W_ W f e a X f Z W b a b g` S Z`
f[a` z` W W h [d a` _ W f S` Z V S f Z e W f[a` T d [V W e a g d Y a S e f a T g [V Z V S f Z k W h [d a` _ W f e S V`
f a W [_ [S f W Z V S f Z V [e b S d f [V e Z`

Bur

f[a` -ZfYZfTWf bdsUfUWf dWgUf YZVfZ V[ebSdfVfSf fZW Sf[a` S†efSfW†aUS†S V
fdTS^WfWfS V bch[VWf] [eTg[Vf YfdSf [YXdLa__g` [fk ad/S [Sf[a` eZl [fZ † SfZ
fWWWfS V fZageS Ve_ adWSUWf YfZWf Xad_Sf[a` a` fZW WefWfZWeg__ [fLa` f` Ž
gVefa VdSi ` Sf[a` S†SfWf[a` fa ZVfZ V[ebSdfVfZ

Policy Development and Evaluation

A? : UaadVf SfVehSdageSUr[hfVedSWf faI ZfW ageW` [fSf[hVf fZW3Vh[eack
5a__ [fWVa` ? [adfk : VsfZIS V Tg[Vf YLgfgd^La_ bVWUkž

Linking People to Health Services

HSdageA? : Sur[hfVedSdSca ZWb] Yfa TWfWV Q U ! b` U Z EVdh

Office of Environment Justice, EPA: Building Healthy Environments to Eliminate Health Disparities

Charles Lee

What is Environmental Justice?

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Environmental justice also means that people have the right to live and work in clean, healthy, and sustainable environments. Environmental justice is a core value of the U.S. Environmental Protection Agency (EPA) and is a key component of the agency's mission to protect human health and the environment.

Environmental justice is a principle that recognizes that all people have the right to live and work in clean, healthy, and sustainable environments. This principle is a core value of the U.S. Environmental Protection Agency (EPA) and is a key component of the agency's mission to protect human health and the environment.

z` [feTdaSWf eWewWh[da` _ WfS^ZVSfZ La_ bdeVefZaeWSbWfreaX
Zg_ S ZVSfZiV[eSdWS V [gdk fZSf SdWwWd_ [W ad[EgWUW Tk XSŹ
fada[fZWWH[da` _ Wfz [e[UgWefZWefgVk aXTafZ V[dWf bSFZa^aY[US^
WwWfreaXhSdageUZW [US^bZke[US^S V T[a^aY[US^SWfel Sei W^SefZW
WwWfrea` ZVSfZ aXFZWTdaSV bZke[US^S V eaU[S^Wh[da` _ Wfi Z[LZ [Ź
UgWefZage[Yfgd[S WwWab_ Wfi^S VŹgeWS V fdS ebadfSf[a^ t[V1 abUS^bŹS ↑

US^bŹ VŹgeS[1 W

q Q S

> 4 7
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Moderator:

Nathan Stinson, Jr., PhD, MD, MPH

6Vb9gfk 3ee[efS f EVUdWScK Xad? [adfk: V\$FZI: : E
5aZ5ZS[d;` fVdSWUk FSej 8adWb` : V\$fZ 6[ebScf[VeS V 7 h[da` _ WfS^gef[UW

Speakers

Phyllis Harris, JD

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7B3

Kenneth Olden, PhD

6[dWfad@Sf[a` S^` e[fgfMaX7 h[da` _ WfS^: V\$fZ EUWUW@/7: Efi@Sf[a` S^` e[fgfMaX
: V\$fZ/@;: fi

Henry Falk, MD

3ee[efS f 3V_ [[efcFad 3YWUk XadFaj [UEgTefS UWeS V 6[eVSeMDW[efck/3FE6Dfi5WfVd
Xad6[eVSeW5a` fda^S V BdWVf[a` /565fi

Naomi Tomoyasu, PhD

5Z[VXA UMaX5a__g` [fkZ4SeW DVeSdLZ S V A gfdVSLZ
@Sf[a` S^5WfVda` ? [adfk: V\$fZ S V: V\$fZ 6[ebScf[Ve/@5? : 6fi@;:

Duane Alexander, MD

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Panel Overview

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EPA and Environmental Justice

Phyllis Harris, JD

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EPA Environmental Justice Commitment

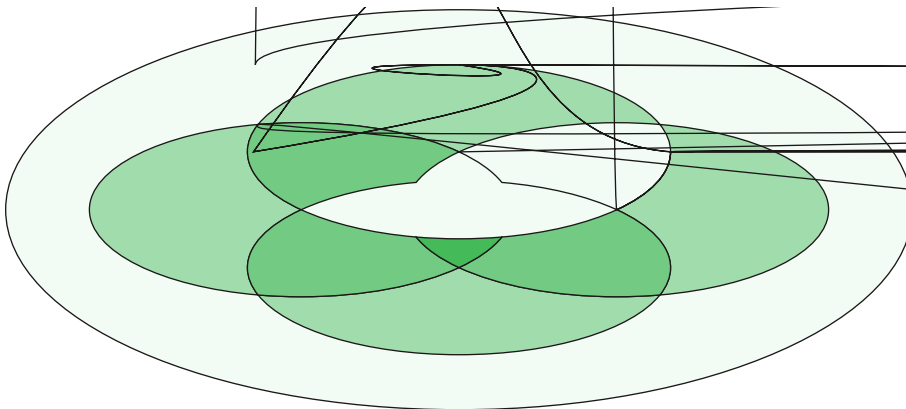
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Environmental Justice Perspective on Healthy Communities



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Building Healthy Communities EPA Community-Based Efforts

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Building Healthy Communities Our Common Mission and Vision

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The Complex Relationship Between Poverty, Pollution, and Health Status

Kenneth Olden, PhD

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"We need to revalue public health: we need to bring field science and laboratory science and sociological disciplines together to improve our understanding of how to control disease?" [UZSM4[eZabl@aTWBd] W\$gdUSFW

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The Environment and Disease Prevention

*"Genetics loads the gun, but the environment pulls the trigger." gV[FZ EfWd t
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Vermiculite Mining in Libby, Montana

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Chemical Facilities in Mossville, Louisiana (Calcasieu Parish)

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Examples of Partnerships

National Center on Minority Health and Health Disparities

Naomi Tomoyasu, PhD

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Core Team and Partners

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Moderator:

Nathan Stinson, Jr., PhD, MD, MPH

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Speakers

Phyllis Harris, JD

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Kenneth Olden, PhD

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Henry Falk, MD

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Naomi Tomoyasu, PhD

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Duane Alexander, MD

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David Jacobs, PhD, CIH

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Roberto Salazar

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Lynn Scarlett

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Emil Frankel

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Roberto Salazar

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Lynn Scarlett

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Emil Frankel

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Questions and Answers

Partnerships and Collaboration

Charles Lee, OEJ, EPA, BZk^fe: Sot[ebdWfW Zai fZWHealthy People aTVUf[hV[S V 7B3ieofsfW[UYaSèSdMS^ Wž6a afZVdSYWUvefZ[] [fi ag^V TWHSgST^Mfa Sèa Vj/S_ [W Zai Healthy People aTVUf[hV[S^ i [fZ fZV[edfcsfW[UYaSèi

David Jacobs: G6ie^SV ZSI SdV bdaYdS_ geVèST[až_SdVd[[FebWdač _ S UW_ VSegdV i Z[LZ [efZWbabg^Sf[a` T^aaV ^SV ^M^Z WBDV[VWfie FSe] 8adWá` 7 h[da` _ WfS^: V8fZ S V ESX^k D[e] efa 5Z[VdW S V fZW 7 h[da` _ WfS^gef[UWfSe] 8adWsdWbae[T WhWgVèfa Vj/b^adVfZWahVž `Sb [agd_ [eeja` ež WbdaobVf aX^ad_g^Sf[Y YahVd _ Wfž [WYaSè[e TafZ [fdYg[Y S V VSg^ f[Yž

Roberto Salazar, Healthy People Ua` f[gVèfa [EgWUWfZWW^Mabž _ Wf aXS `gS^UadbaofWbdaof[VèXadfZW8aaV S V @gdf[fja` EWh[UW

Marybeth McPhee, National Cancer Institute: I ZSf [efZWda M^aXfZWtge[VèLa_ _ gž

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Alexa Gale, National Network of Environmental Studies Fellow, EPA, E[UWFZVWWhZ
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Emil Frankel, I WUS Va STVfVd^aT fZdagYZ WgUSf[a` Sei W^bcbYcS_e
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Roberto Salazar, ? S k aXFZWbVabMvW Tk 8@E SdWAXEbS [eZžbVŠ] Ž
[YWVWfzi WdWbY [WfZW WW fa [egdWfZSf agdbcbVgUfeS V eWhUWē
dVSLZ agdUgafa_ Vte_ af WVVf[hWk i ZVfZVd[f TWaaV efS_ beadfVUZ` [Z
US^SeefS UMS V` gdf[fa` S^Yg[VS UWAd_ afZVefZdgYZ agdl a_ Wf
;`XS fedS V 5Z[VdV/1 ;5fibcbYcS_ ž? S] [YfZVdWdWagdWēSUWē[T^W
dVg[dVēLa__g` [USf[Y [fZWfSc[age S YgSYWēfZSf agdUgafa_ VtecbVŠ] ž
8adfZ[edVSeā fZVdW_ Sfv[SēS V agdi WdfVsdMTV] Y fdS eSfW [fa
V[WdWf^S YgSWē [Ugv[Y EbS [eZž

Henry Falk, 3FE6DZSeSēa fdS eSfW eVMS^aX[feWgUSf[a` _ Sfv[Sē
Xsuf eZWfēfaj [La^Yk [Xad_ Sfa` eZWfēdS V i WdfW[fa EbS [eZ S V
afZVdS YgSWē? Sfv[SēZShWSēa TWV bcbVgUW Xadi ad i [fZ cbWU[Sž
[W La__g` [fVē egUZ SeS 3dST[UxSuf eZWfēa` Wb^WV gdS [g_ [fZW
? [VW7Sef ad9dW] WgUSf[a` S^_ Sfv[SēXadFScb[Ebd[Yē 8adVŠž

Patty Ironcloud, Of œof Minority Health, ; i agV [Wfa dW [V fZSf bS WēfefZSf` af
WVka` WZSeSUWēfa SLa_ bgfVdS V Xad_ kLa__g` [fk [B[WD[VWVbd[fW_ Sfvdž
SēSdWef[^ WVVWž3ēai ZSf SdWbWVb^SYWUWēUgdWfK Va[Y [fdTS^La__g` [fVēfa
W_ [SfvZVŠfZ V[cbSdfVēS V Tg[V ZVŠfzk La__g` [fVē

Roberto Salazar, 8@E dWbY [WēfZWg` [cgW gdf[fa` LZS^WYVē[fdTS^
La__g` [fVēS V W egdVēfZSf [fēbcbVgUfeS V eWhUWēSdWUg fgdS^k eWž
ef[hVZēa_ WbXagdYdSfVēf egUWēVēZShWVW [; V[S Lag` fki ZVdV
i VZShWAd_ W egUWēg^bScf VēZ[bež [fZ fZWLg` [XadvYS_ bWV W
WVWabW S egUWēg^_ aWVXadgē Y TdVsfWV[Y SeS` gdf[fa` S^efScf
XadUZ[VdV/ž VsdVSeā Si SdWAXfZWUZS^WYVē[agdXaV V[efdTgf[a`
bcbYcS_ [; V[S Lag` fki S V SdW ad [Y fa [bcbhWfZWcgS^fk aXFZWV
bcbVgUfeS V fa SfvdVēUg fgdS^eWdf[hfk [eegVēž

Lynn Scarlett, 6A ; S V fZW4gdVg aX; V[S 3 S[cb dVŠ [WfZSf agd
WUfēa` eS V Suf[hfVēZShWS SdW_ bSuf a` fZW[hVēaX_ gUZ aXFZW
3_ VdUS ; V[S La__g` [fkž WdVēSYs bTVV WV fZW WVeS V agd
UgdWf ST[fVēTgf fZVdWsdWfi a bcdafVē WZS UWdWagdWēVW[UfW
fa WgUSf[a` bcbYcS_ eS V 3_ VdUS ; V[S dZaa^Xsuf[fVēS V Wb^a_ [U
WVWab_ Wfž6A ; ZSe_ S Sff fa Tg[V Sbbaj [Sfvk ej ` W dZaa^ē
S` gS^ktTgf i WdWbY [WfZSf fZVdWēS V Wb^VsfW WV Xad[hVē_ Wf
[fZ[ēSdVž VdVsdVSeā fdW WVagebcbT^W ei [fZ g` W_ b^ak_ WfS V
ZVŠfZ bcbT^W edVg f[Y Xa_ bahVfkžBcbYcS_ e[UgvWVWVWab[Y S V

S'ai [YfZW_ fa dWdVW ST WWVdk dVagDUbdafWfja` S V`S VdSbW
ZVsfZ SebSf aXfZW VsfZk 8adWf; [fSf]hWS V efW SdVz [b La` fdSurf Y
SgfZadfkž

Emil Frankel, E387F73 [UgVWbdah[eja` eXad[hWf[Y [3_ VdUS
;` V[S` dSV ekefW_ ei [fZ SeSVk W_ bZSe[ez3YS[fZai VVdVfZWdVagDUbdafWf
WfafW fa;` V[S` Uag` fck bSM[La_ bScea` fa fZW WWZl Wsf Vsf
ZShWS Xdcg_ XadV[eJgeef Y fZVsbcbad[SfWVWVaX[hWf_ Wf S V fZW
dVagDUbdafWfShS[ST VZ

David Jacobs: G6 [eSURfhw [fZ eVWdS^SYWUvefa VjS_ [W_ aV S V
[^ Vde [@Sf]hWb_ VdUS Zage[Yz;` XSURfZW565_ aV SeeVde_ Wf faa`
i SeVWVabW Tk S: G6 : VsfZk: a_ VdeYdS fWZ: G6 [eSca La` f[g[Y
fa Xg` V La_ _ g` [fk WVWab_ Wf SURf]h]f]VZ

Specific Health Issues

Wendy Johnson-Taylor, Division of Nutrition Research Coordination, NIH, 3 dWVf
@W Kad F [VdeSf]UW afW fZWLa` UWfcsfja` aXbahVdk [[` VdUfki SeZ[Yfa` f65
S V fZWSU] aXYdaUk efadVeS V SUWefa ZVsfZk XaaVZ VdVdSdSeafZVdSdSei [fZ Vde
ebSUWfa VjVUeMS V fZWsdVef bcbadfa` aXVabW Za SdVahVd VjYZf adaTVdVZ; S_
[ha^W [S? W_ adS Vg_ aXG` WdS V[Y/? A Gfii [fZ @: S V fZW@Sfja` S^BSd]eS V
DWdVsfja` 3eaaUfja` fZSf ZSeTWW egUWdeY`ea XdZ VdVdW[VdVfSYWUvefZSf i W
Va` af fSVfja` S`ki ad i [fZiZai VVdS Vi W WW_ adWLa`^STadSfja` žl ZSf [fVdSWUk
WadfeUS TWa` Wfa SVdVefZWWb[VW_ [UaXaTVdfk1

Roberto Salazar, 3U]` ai WY[YaTVdfk SeS Vb[MW_ [U[eSe] bWtgf
_ Sad-df efVbž3bbdj [SFWk aXSVgfeSdVahVd VjYZf adaTVdVZ
dVg f[Y [f S` gS^VsfZez WdSfVdSdM[UdSe[YS_ a` YkagfZ
S V LZ[VdVZA` W Sk fa baef]hWk [bSUR LZ[VdV [efa UdSfMSZVsfZVd
` gdf]ja` S`Wh[da` _ Wf [eLZaa`ezELZaa`eSdVdXW LZS^WYW ~ S UJS`k
S V TWa_ W[UdSe[Yk WbWVWf a` VdeZVsfZk XaaV bdaVgUfzeli W
_ gef ~ V Si Sk fa UdSfM[UWf]hVefa a VdZVsfZVdXaaV LZa[UWZ; ^ a[e
[eSca fZWa` k efSfWZSf ef[^ dVg[dVebZkeUS^WgUSfja` [eLZaa`ezELZaa`e
` Ww fa TWS XdVgeXadgefa SVdVefZWWVsfZ S V Wh[da` _ WfS`de] eXad
XfgdWVWVsfja` ez

ATWfrik Sēa dMSVēfa` Sfa` S^eWgdfrk [eegVēz` fZWbSefi kag` Y_ W S V
i a_ W i VdWfgd W Si Sk Xda_ fZWSd_ W XadWēXadTVY Yg` Wd VYfZfz
FaVSk fZVW SdWTVY Yfgd W Si Sk XadTVY YahWd VYfZfS V aTVēVz

Lynn Scarlett, DWdSfa` S V VjWdUeWsdM_ badS f fa fZ[e[eegWS V
fZWBdWVWfie *HealthierUS Initiative* [ebSf aXfZ[eWadfz [e [f[Sf[hWē
SffW_ bf [Y fa Td Y agfVaadabbadfg [f[Vēfa g` WdVhW Ua_ _ g [fVē
Tk bSf` Vd Y i [fZ` a` Žōda-fYdgbefa WYSWV` VdUfrik kagfZ [fZW
agfVaadčžadVjS_ bWfZW7SfZ 5a` eWdSfa` 5adbe [I SeZ [Yfa` t65 [e
Td Y [Y [VdUfrik kagfZ fa fZWb` S Uaf[S D]hVd fa Y[hWfZW_ fZVd-čf VjZ
bVdWUW` SLS aWtg[V fZVd g` WdS V [Y aXfZW agfVaad S V [ha hW
fZW [fZWd hVdWf adSfa` ž6A; [eSēa i ad [Y fa Td Y @Sfa` S^BSd] e
[adSd g` V UfVēz

Henry Falk, A` fZWWh[da` _ WfS^e[VWbVd bMsdUa` Ud W ST agf gč
TS ebdS ^S V VdWkVd i Z[LZ [ha hVēZage [Y fōS ebadSfa` tZVsfZi
S V fZWWh[da` _ Wfz VdSdVēVdS^ [fVdSWuk Wadfefa VjS_ [W

Charles Lee; a` UWShMSbdWfSf[a` fa WWUFW a UJSe[@W Kad
5[fk STagf cgS[fk aXfXWS V fZWfegWXYdW ebSUW VmVdUS_ Vgbz [e
ZfYZfZfefZW_ badfS UMaX[ha^f[Y fZWLa__g` [fk [fZVWadfeS V
g` VwfS V[Y fZVd` WweS V Seb[cf[a` ež Vk Sèa SdWLa` Uvd W STagf
fZWSU] aXYdW ebSUWS V SvhaUSfWad[fWcf[Y fZ[e[egW[fa b`S` [Y
S V La__g` [fk dWfSf[Sf[a` ž` XSuF [EbSfS TgdY EagfZ 5Sda f SfZVW
SdWVWab[Y SZVfZ Uf [U[La` Yg` Uf[a` i [fZ Si W` VUWfVdS V S
YdW i Skž VdSdVfZVdLa__g` [fVf[WEbSfS TgdY Sdag` V fZWUag` Ž
fck i ZfUZ [eSbaef[hWfY ž

**Marian Johnson- ompson, Education and Biomedical Research
Development, NIEHS** A TWf[k [eSefWage[egWfZSf VSVefa ZVSfZ V[ež
bSdf[VeXa_ Udv[ahSdY SdV[eSefWfa V[STVWefa US Uvd[ZW ; dSefWZW
` WW XadbZke[US`WgUSf[a` [fZWbgT fUeLZaa`kefW_ Q fKW

Lynn Scarlett, [e[egWg` WUadWfZW WW Xad6A ;iei ad] fa UVS
i SFW S V dW Wk fZ[eZVSfZ [eegWtk [_ bda h[Y fZWW h[da` _ Wf Xad-eZž
A gdbScf WkZ [bei [fZ adYS [l Sf[a` e^] WfZW5ZV[SbVS] W4Sk 8ag` VSF[a` f
XadVjS_ bWwi [^ZShWa` YZfWd_ [_ bSufrež

Ua__g` [fVZShW] fZW8WV^YahVd _ WfiS Vi [fZ fZ[e fgefi fZWUa__g` [fVZVb WZ
egd/fZWegUWteXagdbdYdS_ eS V bdaVUfež

W8WV^; fVdSYWUkI ad 9dgb a` 7 h[da` _ WfS^gef[UW;I 9fiXdVj/S_ bWdWUFW
Ua__g` [fVefi a kVScSYa fai ad i [fZ Sf ^Sef fi a 8WVd^SYWUjVefa Wf WbdT^U_e
S V [egVdS VZai fZWdScdafeUa__g` [fk i ag^V TW] fVdSfW fZdagYZagf fZWbdUWēž
3` afZVd Ua__g` [fVei VdWdWUFW fZ[kVdS V Ua__g` [fVdS V fZVdbScf Vdēi VdW
[h[fW fa egT_ [f` a_ [Sf[a` ežFi a xFZVdVbdaVUfeSdMSVdWdW a` fZ[ebS Wēž

E[Y [-US f bda Ydwe ZSe TW _ SWW] W W Se Y fZW g_ TW da X SV ba [ea` W LZ [Vd Wf
Xa_ ah Vd fZd W_ [fa` [fZW efa t [fa /565fz [eVdb US TW
Sffq Tg TW fa Se W Va X S U [a` e eg LZ Sed W ah [Y SV Xa_ Y Sea ↑ WS V Xa V US ` [Y S V
W SW d e [Y [V g e f S` W [e [a` S S V i X S U [R a g d W z a V S i f Z W d W S U [Y_ S\ R

_h

S

`Vi S`

Map of Akwesasne Mohawk Nation and Surrounding Areas



‡ 5S'Zag` 5ag` fk 4aSd/ aX: V\$^Z

‡ 5S'Zag` 5ag` fk? W[US^EaUWk

‡ : gda` HS^k EFW^

‡ \$Bay 15ag/05Z\$!nT OF'€ i- \$ ZS?!°-h \$ V S f

B 8 5

Recommendations for Practical Steps to Improve the Federal Government's Efforts to Help Local Governments, Communities, and Tribes Address Environmental Health Concerns

William H. Sanders, III, DrPH

6W0gfk 3eeefS f 3V_ [efcSfadA UWaXBa^gf[a` S V Faj [Ud 7B3

[eZ[efadU_ Wf[Y [eS] Vk efVb XadfZWLbgUS^ fWdcf[a` aX8WVdS^Wadefafa SWdVes V
SLZ[MWMTdV] fZdagYZ egUWveV[Wh[ca` _ Wfs^ZVsfZz [ebdVWfsf[a` dVWUfea` fZW
-df VSkiebS Vefa Vjb^adWZai [V[hVgS^bgT^UzVsfZ bcaXVefa` SeUS i ad faWZVdafa
XgdZVdfZVd_ [eeja` eZ8agd_ SdafZW_ VefZSf ZShWV_ VdWV Xca` fZWbS Vef USbSufk Tg[VZ
[Yf bScf VdZ[bl [fWdcf[a` fS V Ua_ _ g: [fkZTSeW Wadefz

Current Federal Efforts

"I did the best I could at the time; when I knew better, I did better."? SkS
3` YWag

8WVdS^SWUve_ SWFZV[dTWf Wadefafa bcah[VWHSgST^MseeefS UWfa ^aUS^YahVd_ Wfd
Ua_ _ g: [fVdS V fqTVz: ai VdVdVbScfWadS [l Sf[a` eS V_ W[SzbVU[-U_ S VsfVd
_ S] WfV[Ugf fa [fWdcfWagdWadfa S V fZW[Xad_ Sf[a` i Wbcah[VW]eXSY_ WfW S V
[Ua_ bVWbSU^ YShVdZ[Z TgdWV a` ^aUS^Ua_ _ g: [fVefa [fWdcfWfZ[e[Xad_ Sf[a` z

| Prospects for Federal Collaboration

EPA Role in Emerging Efforts

8 6 5 D

Nathan Stinson, Jr., PhD, MD, MPH

6gd YfZW-df VSk aXfZWk_bae[g_ f fi a fZW VwW VdWz8dfi_ S k 8WWS^SWU[Ve
SdWfS] [Y S^SWWZ] b da W[SWdWef Y [egVedMSW fa Wh[da` _ WfS^gef[UAS V ZVsfZ
V[ebSdf[VezEVMS^ebVS] VebVbdVW YdSf [fVdVf S V La__ [f_ Wf fa [VWf]k[Y dS^
[fVdWf[a` efZSf fZVkus [b^W Wf [La__ g` [fVez` SW[f[a` tea_ WebVS] VbeZSdW
[Xad_Sf[a` a` fZWVW_eSfZSf Vj[ef Sf fZWLa__ g` [fk^WVz` VdVegUWeg^bcbVWfeUS
ZWb V[dVf 8WWS^Wadefa_ Wf La__ g` [fk` WVež

H

8

Moderator:

Rueben Warren, DDS, MPH, DrPH

3eaU[SfW3V_ [[efcbfadXdGdTS 3 S[cb 3FE6D

Speakers

Cecil Corbin-Mark

BdaYcS_ 6[dVfadI Vaf: ScW_ 7 h[da` _ WfS^3Uf[a: L lz

Otis Cosby, MD

? VZSctk? W[US^5a^MW@SeZh[^WFW` VvW

1 S J H

Environmental Medicine: Challenges and Strategies

Otis Cosby, MD

? VZSck ? W[US^5a^WV@SeZh[^WFW` VdeW

Environmental Issues in Indian Country

David Baines, MD

Bdñ[VWUW V\$FZ EkafW_ f3`Sej S` 8S_ [k BdSUF[UWDVd[VWUki 3` UZadSNW3`Sej S

"We need to go beyond the rhetoric and planning and actually do something"
Fq]TS`7`Wd

;` V]S` 5ag` fdk LahVeahVd _ [fa` SUDVeS V` eahVdW` `Sf[a` eS V [UgVWeahVd
_ [fa` bVdibVz` WdUgeaXfZ [ebdVdVfSf[a` d[VdUreXWVTSU] Xd_ fq]TS`V\$WdeS V ZV\$FZ
bdñ[VdVfZSfi ad [fZVdWUa_ _g` [fVdž

G` VdVfS V [Y] Vd Ug fgdS`V [VdWUWd [eUff[US` SVDVde] YWh[da` _ WfS`ZV\$FZ [eegVd [;` V]S` 5ag` fkž` VdWUa_ _g` [fVdVa` afh[W` ZV\$FZ SefZWSTeWUWdXV[eVSeWTgf dSfZVd
SefSWaXZSd_a` k adTSS` UW` [eTSS` UWaUgdTVM` WW fZWdW` _ [V iTaVKi S V d [dfffi
afZVd S V fZWWh[da` _ Wfž` WaeeaxZSd_a` k U dSfVdShg^ VdST [fk fa V[eVSeWS`ai [Y
S` [^ Vdafa YWfZW` V[hVgSž` Ua` fdSef fa I` VdVd Ug fgdVd fZSf h[W fZW` V[hVgS`SefZW
UWfVdaxfZWg` [hVdWfZWScfZ b`SkeSUWfdS`da` M` egbbad [Y fZW Sf[a` ti Z [UZ [fgd
egbbadefZW\$ _ [ki Z [UZ fZW egbbadefZW` V[hVgSž4k efS V [Ya` fZWScfZhi WdS V
a` fZWZag` VdVeaXagdS U dVadž7hVd fZ [Yi Se_ SWWtk fZWeS_ W5dVd radZSeS e b [dfi S V
[edV\$WV [ea US [Y Xad fZWWh[da` _ Wf [e dVW SeS_ S V\$VWka_ fZW5dV\$fadž

Barriers

;` SW [f[a` fa Ug fgdS`V [VdWUWd fZWdVdVdVdVdVdVd [SVDVde] YWh[da` _ WfS`ZV\$FZ
[eegVd [;` V]S` 5ag` fdkž` W_ bSUF eafZVdWVTSdVdVdVdVdVdVd VdVdVdVd VdVdVdVd ž

Cultural Differences

5g fgdS`V [VdWUWd [bSUF fZWV_ af[a` S^ _ WfS`bZke[US`S` V d [dfgS`ZV\$FZ aX3_ VdUS

Sovereignty Issues

WgV[U]S^ekfW_ ZSegbZVW LZS^WYVefa fdTS^SgfZadfk Tk efSVeS V` a` žfdTS^[] V[ž
h[VgSđi Z[LZ ZSeS^ai W fdTS^S Vefa La` f[] gWfa TWba`gfVz8WVdS^SYWU[VeS V efSVe
Sđea Va` af dUaY [] WfdTveSeYahVd _ WfeS V Z SedVag^VW [] Xa_ fZVbVabVUf[]hMaX
3_ VdUS ; V[S dSXd_ aX` V[S 3bSfZVWž

Financial

W7B3 7 h[đa` _ WFS^9WVdS^3ee[efS UMBdaYdS_ bđah[Vve + fa eWgb fdTS^Wh[ž
đa` _ WFS^bđaydS_ fi Z[LZ [ea` k WagYZ fa egbbad`a` WbVda` S V hvk [ff^WfdS[] Yž [e
ek_ badg_ d[eW_ k Si SdVVeas` g_ TVdaXafZVbđaydS_ efZSf Vj[efi Z[LZ d^VUreS
YSb[] WgUSf[] STagf ShS[]ST^WdVagJvžFqTVd Zai VVd` WV fZV[đai` bđaydS_ efZSf
SdVTSU] W Tk gV[U]S^SgfZadfk S V ZShW_ adV` S U[S^USbST[]fVvž

Inadequate Health Care

; V[S : VsfZ EVh[U]eYdEEK g` VdXg` VV S V a` k eVhVeSbđaj [] SFWK aXfZVWž
Y[T MbabgSf[] -SUUvefa USdVeS_ SadLZS^WYVž` 3fZVfSeLS fXadVjS_ b^WfZVdVsdW
a` k fi a ValUadefa eVhVS SdVfZVd[] VdXfVjSeS V aXfZWh[]^SVe[] fZ[eSdVsdV
a` k SUUve[]TWk S[đ

; V[S 5ag` fđ [eSđea eg Vd[] YXa_ [] UdSeW dSveaXUS UadV[STVdS V afZVd[]^VdV Se
i W^SebaadVmagfLa_ VefZS afZVdYdgbž? S k aXfZVd[]^VdV SdVsdVdVg f aXfZW_ ahVž
_ Wf Si Sk Xa_ fdV[f[] S^VVeS V SURh[]fVvž>XWj/bWfS Uk [eSđea_ gLZ `ai Vd[] fZVdV
La_ _ g` [fVei [fZ Sbđaj [] SFWK aX3_ VdUS ; V[S evk[] YTVd^fZWSWdX ž

Research

3 dS YWdXdVdSdZ LZS^WYVSeā Vj[efž VdVe` af WagYZ dVdSdZ a` Wh[đa` _ WFS^
[egVdS Vi WZShW] SWdgSfWdVdSdZ faa`efa efgVke_ S^babgSf[] ež8gdZVd_ adVfZW
dVdSdZ SWVSeW_ efa TWdVfTk fZWSV_ [] [efSf[] [] a UMdSfZVdFZS dVdSdZVdž
EUWf[efeSđea abVdSfVg` VdSV[eSeW_ aWVdSfZVdFZS Si W^Ve_ aWVi Z[LZ [eSx` VSž
_ WFS^eS[] [] fZVdVdVdSdZž

Poor Communication

BaadLa_ _ g` [USf[] TVfi WV fdTve efSVeS V 8WVdS^SYWU[VeSđea UdSVeTScdVdž

†

Artensie Flowers, Of ce of Pesticide Programs, EPA, ;` S` Wad fa [UdSeWfZWdWbY [Z
f[a` S` V` _ S` SYW` Wf aXeY` eS` V` k_ bfa_ eaXbWf [UWfaj [Ufki agda` UWZSeS` Sf[a` S`
[[fSf]hWUS`W` @Sf[a` S` EfcSfW [V` Xad: V` SfZ` 5SdWbch [W` dZl` WsdWZSh [Y` S` Sf[a` S` X` dg_`
a` g` W` ,` fa` Td` Y` fa` WfZVdZV` SfZ` USdWbch [W` dXa` _` S` dg` V` fZWUag` fck` fa` Vj/S` _ [W`
ea_` W` aXfZV` W [eegV` Z`

: ai` US` i` W [UadbadfWWh [d` _` WfS` ^ZV` SfZ` [fa` fZWbSf [Wf` SeeW` _` Wf13eSdW` f` aX`
S` -hV` WsdWad [U` a` STadSf[a` i` [fZ` S` a` Z` bda` -f` adS` [Sf[a` ti` WZShW` W` W` abW` S` Z`
f[a` S` Yg [Wf` V` Xad [Uadbadf [Y` Wh [d` _` WfS` ^ZV` SfZ` [fa` Ugd [Ug` S` SfZV` SfZ` bda` W` d` a` S`
dZaa` eZl` WZabWfa` dW` dg [f` ea` _` WZS` _` b[a` efa` ZW` b` Wf` _` W [US` S` V` gde [Y` dZaa` efa` X` Z`
ai` ea_` W` aXfZV` W` Yg [Wf` V` fa [UdSeWbch [W` d]` ai` W` W` aXbWf [UWfaj [Ufki` W` S` ea`
ZabWfZ [eUS` TWS` _` aW` WfZSf` US` TWgeW` XadafZV` W` Wh [d` _` WfS` ^ZV` SfZ` [eegV` Z`

Cecil Corbin-Mark, @W` Kad [eS` Syq [Ug` fgd` e` fSfWfZSf` geW` TW`

9` f` g` e` W` daf` U` a!W`

5 8 ;

Moderator:

Harold Zenick, PhD

3eeU\$W6 [dWfadaX: V\$FZI@Sf[a` S^: V\$FZ S V 7 h[da` _ WfS^7 WfeDVA\$SdLZ
>STadSfadkA UMaXDVA\$SdLZ S V 6VWAb_ Wfi 7B3

Speakers

Betty Lee Hawks

:: E 3e[S 3_ W[US S V BSU[-U;eS Wd;` [f[Sf]hW

EbW[US^3ee[fS f fa fZW6 [dWfadA ? : tA B E

Deborah Winn, PhD

@5;: V\$FZ 6 [ebSdf[VeS V 7 h[da` _ WfS^DVA\$SdLZ

3Uf[Y 5Z[Mx5↑ [US^S V 9WV[U 7b[WV_ [a`aYk DVA\$SdLZ 4cS UZl 6[h[da` aX5S UWd5a` fcb^
S V Babg\$Sf[a` EU[WUWd@Sf[a` S^5S UWd;` e[f[fgfV@5;fi@;:

Imani Ma'at, EdD

565 D735: BcbYc5_

6 [dWfadD735: t@Sf[a` S^5WfVdXd5Zcb` [U6 [eVSeWBdVWVf[a` S V 6 [eVSeW
Bcb_ af[a` t565

Charles Wells, PhD

6 [dWfad 7 h[da` _ WfS^gef[UW: V\$FZ 6 [ebSdf[VeS V BgT↑U: V\$FZI A UMaXFZW6 [dWfad
@;7: Et@;:

Current Federal Initiatives

HHS Asian American and Pacific Islander Initiative

Betty Lee Hawks

: : E 3eS 3_ VdUS S VBSU[-U;eS Wd;` [f[SF]hW
EbVUS^3ee[efS f fa fZW6[dVfadA UMaX? [adfk: VSfZfA B: E

W : E 3eS 3_ VdUS S VBSU[-U;eS Wd;` [f[SF]hW ebScf aXFZWSYWUke_ [eeja` fa bdaZ
fVUF fZWZVSfZ aXS^3_ VdUS eS Vbdh[VWVWVf[S^Zg_ S eVh[UW VbVUS^k XadfZaeW
i Za SdWWSef ST^Mfa ZWb fZW eVhVz4g[V[Ya` fZW33B YaSeewTk : : E efScf[Y [f
fZW Z[fW. ageW` [f[SF]hW a` 3eS 3_ VdUS eS VBSU[-U;eS Wd;e SeUdVSW Tk 7] Wg[f]hW
A dVd S V Vj/VWVW g` VVd 7] Wg[f]hW A dVd fa [U dVSeWbScf[U]bSf[a` aX33Be[
8VWV^bdYdS_e_ Wf[Y YaSe dVSW fa, SUWef eVh[UW 33B; VSfSi U[h[`dYZfeS V WgS^
abbadg; [fk bda fVf[a` f 33B; Ua_ _ g` [fk USbSU[fk@Sf]hW Si S[[S eS VBSU[-U;eS Wd;e
8VWV^bdYdS_e S V [e[f]fgf[a` S[f]Sf[a` aXFZW [f[SF]hW

6gd YfZ[ek_ baeg_ Ifi a cgVf[a` edVScV[Y 33BeZagV TW] Wf [_ [V,

‡ I ZSf [efZWbafWf[S^adSWdVd Y Wh[da` _ WfS^ZVSfZ! gef[UW[egVd[fZW33B; Ua_ Z
_g` [fVd aab fSV` dVd a` GŠ os 33 Q `! SQ[d33BVC ; " S^ a S Wa ñ I c
‡ ;efZWWh[da` _ WfS^gef[UW_ ahW_ Wf Xad33Be[B_ VdUS ;VW_ aWV

Asian Pacific Demographics and Health Status

Environmental Justice Issues for AAPIs

WV eSY dai [Y_ ahW Wf XadYc SeechafeLa __ g` f[Ve Scag` V Wh[da` _ WfS^gef[UW]eZ egVez` WBeS BSU[-U7 h[da` _ WfS^@Vfi ad /3B7@fi XadVjS_ bW[ea` WaXfZWfda` YVf ha[UW]eXadfZWWH[da` _ WfS^gef[UW_ ahW Wf Xad33B;eZ3B7@ ZSeTWW i ad [Y UaeWk i [fZ 7B3 S V : : E [e[fVgVegUZ Se@;7: E fa SVVdVe Wh[da` _ WfS^gef[UW]eegVez`

3_ a` YfZW_ aef hg^ WST Wbabg`Sf[a` eSdWBSU[-U;eS` WVeS V @Sf]HW Si S[S eZ? S k BSU[-U;eS` WVe XadVjS_ bWsdVaUSfW [BSU[-U`gdeV[Uf]a` eZSf SdWBSU] Y e_ [Sd]eegVez` SeVWVab[Y Lag` fdVez` WgdeV[Uf]a` eZShWTWW geW XadefcSfW[UW]XVdW WVeegLZ SeVef[Y` gUVSdVW[UW]Ea_ WaXfZVMSdVSeSdW ai` g` [ZST]fST`Mi Z[LZ ZSeXadUW _ S k La __ g` f[Vefa _ ahWca_ fZVdZa_ Vez`

6VWd [[YfZWa __ g` f[Ve YdSVef` WVeZai VVd dVeg[dVeSe] [YfZWa __ g` f[Ve fZW dVVeZ` ai VVd egTefS f[S^S_ ag` faX[Xad Sf[a` [eSdVSk ShS]ST`WfZdagYZ fZW7B3 i WefVWS V afZVdVagUez`

Community Capacity Building

5a_ __ g` [fk USbSufk Tg[V[Y [edVeg[dV fa WVUf]hVh SVVdVe Wh[da` _ WfS^gef[UW]eZ egVez` S V TafZ fZWahVd _ WfS V fZWa __ g` [fk b`Sk [badS f da Vez` fZ[e bda UveZ` W8WVd`YahVd _ Wf _ gef See[ef La __ g` f[Ve Tk bch[V[Y faa`e [Xad Sf[a` fcd] [Y S V bVd[V[UfVWZ` [US^See[efS UWSee[ef[Y [XefcgUfgdWVWVab_ Wf]egUZ SeTgVYVf efcSfW[Ub`S` [YfS V La __ g` [USf[a` e` fefW[Y fa fZWa __ g` [fk La` Uvd e-a Vd Y La` Z efcgUf]hVSh[UW ZW Se]W-S V WV[Uf] Y f_ VZ5a_ __ g` f[Ve ZShMSdVba` eT[fk fa Y dai fZV[UdUSbSufk TafZ [fVd S`k S V V]fVd S`k S V fa SeeVefZV[dVefVYfZeS Vi VS]` VVeZ` Vk _ gef Sea [WVf]ki WVWabiS V VVdS Wabbadg` f[Vefa i ad i [fZ 8WVdS`SYWU]Vd WVWab dVsf[a` eZ]beS V La` hVh` WVeS V egYVef ea gf[a` eZ`

Current Federal Environmental Health and Justice Activities

WVdVdVdVdS`8WVdS`SUR[h[VeS Wf] Y 33B;eZ@;7: E [eWYSW [dVWVd`Wh[da` _ WZ fS`ZVsfZ S V gef[UWSUf]h[Vd [UgV[Y 8[eZ 5a` eg_ bf[a` D[e] 5a_ __ g` [USf[a` [7FZ` [U ? [f Sg] W@W HWfgdVdVgYVdS V; __ [YdS fe7 h[da` _ WfS^gef[UW]Sd Vez]b-S V : VSfZ A bbadg` f[Ve BcaT`W` Zea`h[YfS V 7_ bai Vd Wfz`

W@Sf[a` S^;` e[f]g[WadA UgbSf[a` S^ESXk S V: V\$FZ/@;A E: fi 565 [eWYSW [dV
e/SdZ La^STadSf[a` f S V fZW@;A E: : V\$FZ 6 [ebSd[VeFSe] &adW[e[ha hW [[Wf]Xk[Y
bdad[f[Vd [bSufe` 33B;d S V_ SFWSeFZSf` WW fa TWfS eSFW [fa 3eS `S YgSWeZ
VdFds [Y aXA UgbSf[a` S^ESXk!: V\$FZ BdaXeja` SebdYds_ Sea bdh[VeFds [Y [aUgbSf[a` S^_ W[U] VZ

; SW[f]a` fZVdNSdVemVds^8WVds^_ [adfk ZV\$FZ [[f]Sf[hvefZSf UagV TWTVfVdgr[1 W
fa SWdveWh[da` _ WfS^ZV\$FZ S V gef[UW[egVd egUZ SebdYds_e[ha h[Y: 45Gd
: [ebS [UEVh[Y;` e[f]g[f]a` d S V Fd[TS^5a^WVeS V G` [hVd[VeA gdWadef Zai VmVdVZ
cg[dWfZW[ha hW Wf aXUa__g` [fkZSeW adYS [Sf]a` eS V Ua__g` [f[Vd La^STadSf[a` e
i [fZ[fZW8WVds^eVfadS V bgT [US V bdhSfWbSf Vdz]bez

Translating Research Findings Into Better Health: NCI Perspective

Deborah Winn, PhD

@5; : V\$FZ 6 [ebSdf]V\$S V 7 h[da` _ WfS^DV\$SdZ
3Uf[Y 5Z[MX5↑ [US^S V 9WVW[U 7b[WV_ [a`àYk DV\$SdZ 4cS LZl 6[h[e]a` aX5S Uvd5a` fcb^
S V Babg\$F[a` EU[VUW\$ @5;+@;:

Addressing Health Disparities at NCI

W@Sf[a` S^S5S Uvd;` e[f]gfVW@5;fild\$FV FZW5WfVdifa DVWgUW5S Uvd: V\$FZ 6 [ebSdf]V\$
fa V[dWf FZW_ b^V_ WfSf[a` aXS V egbbad [[f[Sf]hV\$FZSf SVhS UWFZWg` Wd\$S V[Y aX
fZWUSgeV\$ aXZV\$FZ V[ebSdf]V\$S V fa VVW\$ab S V [fVc\$FVWVUf]hW[fVhWf[a` efa dWVgUW
adW_ [SFWFZV\$W[ebSdf]V\$

@5; S\$ea egbbadfedV\$SdZ a` ZV\$FZ V[ebSdf]V\$FZdgYZ fZW6[h[e]a` aX5S Uvd5a` fcb^S V
Babg\$F[a` EU[VUW\$ W6[h[e]a` ebd_ SkWadfeSdWfa,

‡ ? a` [fadFZW[VdWf[S^TgdW aXUS Uvd_ a` Y 3_ VdUS ež
‡ Bda_ afWS V La` VgUf dV\$SdZ fZSf [VWf[-V\$S V SWdV\$eVfZWVla` a_ [UeaUS↑Lgfgd\$
bklZa`àY[US↑TVZSh]ad\$↑S V T[a`àY[US_ VUZS [e_eLa` fdTgrf] Y fa fZV\$W[ebSdf]V\$
SubaeFZWUS UvdLa` fcb^La` f[gg_ S V fZdgYZagf fZWg_ S ↑V\$S ž

Translating Research into Improved Health

Wbd_ Sk XalgeaXFZ[ebdV\$WfSf[a` i [^TWa` fZW@5; Sbbd\$UZ fa bda_ afWf\$S eSf[a`
aXdV\$SdZ [fa [bdaWVZV\$FZž [ef\$S eSf[a` [eSJa_b[eZW fZdgYZ fi a_ Sadedf\$Z
W[V\$ fZW[eeV_ [Sf[a` aXWVUf]hW[fVhWf[a` Sbbd\$UZV\$S V fZW[ha`hV_ Wf aXFZW
La_ _g [fklLa` eg_ Vd\$S V ad\$S [Sf[a` S`bSf Vd [dV\$SdZž

Dissemination of Effective Intervention Approaches

;f [eL_ bad\$S f fa ~df V[ef] Yg[eZ TVM VV V[gefa` S V V[eeV_ [Sf[a` fTafZ aXi Z[LZ SdW
SVdV\$W Tk @5;ž6 [gefa` [efZWbSeehWbdaUvdTk i Z[LZ SYdai [YTaVkaX[Xad_ Sf[a`
STagf S [fVhWf[a` f bdaVgUf adfVUZ` a`àYk [e [f[S^k STeadTW S V SURW gba` Tk Se_ S^
TaVkaXZYZk_ af]h\$FV dW[b[Wfež6 [eeV_ [Sf[a` fZai VVd [efZWbdaUvd fZdgYZ i Z[LZ
fSdVfYdagbeSdW_ SVMS SdVaXdWVhV\$SUUWbfiS V geV[Xad_ Sf[a` S V afZVd [fVhWZ
f[a` ež VdWYdagbeSdWV\$ [V k fa dWV]hW[Xad_ Sf[a` a` fZV[da i ` ž

WLa__g` [fk agfd/SUZ S V fdS eSf[a` La_ ba` Wf ZSe[feai ` bgbaeWi Z[LZ [efa,
 ‡ 6VWAb S V [bW Wf efcSW[Ve fa fdS eSWfZWU[Wf[-U~ V[YeaXfZW5WfVd[fa
 [Xad Sf[a` XdfZWbgT [US V ba [k_ S] Vde S V fa WWd [W,XfZVh SdWWVf[hVz VdW
 efcSW[Ve_ Sk [UgVWVWAb_ Wf aXWgUSf[a` S^_ SW[Ses V` W eVfVd La__g` [fk
 _ Wf[Yd S V` ahWi Skefa V[eeW [SW[Xad Sf[a` fa fSdWfYcbgbež
 ‡ I ad [bScf Vdz [bi [fZ 5WfVdU[Wf[efefa [fWdSWLa` eg_ VdLa` Uvd ež
 ‡ Egbbad f dWdg[f_ Wf S V dWf[a` XdbabgSf[a` efgvkž

Consumer Advocates in Research and Related Activities

@5; hSgVes V eW/efZWab[[a` eaXUS Uvd egch[a __gd Wd W1 ! _ aZW V

Dynamic Process to Reduce Disparities



**Racial and Ethnic Approaches to Community Health (REACH
) Demonstration Program**

Percent with Annual A c By Race _All Sites_ Chart Audit (-)



Interaction of REACH Components

I

Translation Research at National Institute of Environmental Health Sciences (NIEHS)

Charles Wells, PhD

6 [dUfad 7 h[da` _ Wfs^gef[UW: VSfZ 6 [dbScf[VeS V BgT[U: VSfZiA UaXfZW6 [dUfad @;7: Et@;

@;7: EegbbadfeSeWVeXfC eSfa` S^dWScLZ bdYc_ efZagYZ fZW6[h[e]a` aX
7j fC_ gcS^DWScLZ S V fC [Yz@;7: E Ww` VefC eSfa` S^dWScLZ SefZWUa` hV[e]a`
aXW[h[e]a` V aWZ\$S^W dWScLZ QraW Tc XfaWScLZ adfaa`efZSfUS TWgeW Tk Z°
bgT[UZVSfZ S V_ W[US^baX[e]a` SeS V Tk fZW 4fZ dW [e U Wf X ^e geW Tk

Ethical, Legal, and Social Implications

;) [f]SfW [fZ]ebdaYcS_ eW]efa Tq` YfaWfZWdLa__g` [fk Yc]gbeWh[da` _ WfS^ ZVsfZ dW]SdZVhS V TVZSh[acS^eaU]S^dU]Wf]efefa TVVd]g` WdeS V fZWVZ[US^WStS V eaU]S^[_ b^]Uf[a` eaXWh[da` _ WfS^ZVsfZ dW]SdZž WS_ [efa WZS UfZWWh[da` _ Wž fS^ZVsfZ dW]SdZ SWVVSž

NIEHS Core Centers Community Outreach and Education Program (COEPs)

6VhAbW [f5A 7BeehW]SeStqVWTVh W 5WfVdW]SdZVhS V fZWdLa__g` [fk dVhWž5A 7BefcS eSfWdW]SdZ ~` V[Ye[fa ge]g^bgT [UZVsfZ]` ai W]Vž

Superfund Outreach

A gfd]SdZ [ha^VdLa__g` [Uf[Y EgbW]g` V dW]SdZ ~` V[Yefa [_ bS]W Q [a` e` " ° U V W

5 D

Speaker:

Nathan Stinson, Jr., PhD, MD, MPH

6Vb9fk 3eefS f EVUdW7Sk Xad? [adfk: V8fZl: : E

5aZ5ZS[d; fVdSWUk FSej 8adWd` : V8fZ 6[ebSdf[VeS V 7 h[da` _ WfS^gef[UW

W_ badfS fSebWUfeaXFZ[ek_ baeg_ Ya TSU] fa i ZSF5WU[^5adT[Ž? Sd] _ Wf[a` W Vgd[YZ[ebS WE h[e]a` ei [fZagf dV^SUF[a` eSdWdV8_ ež [ek_ baeg_ YWd [SfW Xda_ SfWwZa` WUa` hVesf[a` fZSF 5ZSdV8>MS V; ZSV SKV8dSya Sdag VA? : Wadfe[adfSž ` [[YfZW@Sf[a` S^Eg_ [f a` fZW7[_ Sf[a` aX: V8fZ 6[ebSdf[Ve6gd[YfZSF US^i WZSV e[[Sdh[e]a` eSTagf i ZSF` WWefa ZSbbW fa [bdhWfZWV8fZ aXFZW Sf[a` ž

Key emes

VaAbSef fi a VSkebdh[VW S abbadfg` [fk fa V8d ea_ VIZ[Y` W Xda_ VSUZ afZWdS V fa dVf WdgdfZagYZfea` ebWU[-U[egV8S V agdh[e]a` XadfZW8fgdV8Ea_ WdXFZWfZW V8 fZSF W VdWV Xa! " p Xa Vp Xa b gdh[e° fr ! ZW ZW V8 e

Next Steps

3WdVef YfZWZS^WYMaXWh[cb`_ WfS^gef[UWS VZVSfZ V[ebSdf[Ve[es`a` YZVd_ bcaZ
Ued S Vfa TWegUWegti W_ gef _ S[fS[Xad Sd/bcaYdVez WUS Ua` f[gWfa Tg[Va`
fZWdVg feaXfZ[ek_ baeg_ fZdgYZ fZWa`ai [YefVbe

‡ 4g[Va` `W [fVdSWUk dVf[a` eZ[bež [ek_ baeg_ ZSeS`ai W gefa VVWab S` W
`Vfi ad i [fZ[fZWbWMS`YahVd _ Wf fa _ S[fS[Ua__ g` [USf[a` feZSdWVSe S VZWb
Uaad/[SFW S VUZS_b[a` fZVdWVadfež

‡ ? S]WefSFW[U] hVef_ Wfež [ek_ baeg_ XlgeW`a` VjS_ [[YZai 8WMS`SYWU[Ve
US _ S]WaxST[YVd[hVef_ Wf [SVdVde[YebWU[-U[egVef fZdgYZ Ua`STadSf[a` d
Wb` a_ [VeaXedS`WdVgU[YahVdSof S V [hVef[Y[fZWdYZf SdVSež

‡ 4W[fZWb`S` [YbcdUdeXdfZW Vj/f_ WV[Yž W` fVdSWUkI ad[Y9dgb i [^WVž
TdVka` i ZSfi SeVsd W Xb_ fZ[ek_ baeg_ S V TW[Vj/b`ad YZai fa WYSWUa_ Ž
_ g` [fVefa [WVf]X dV`bdad[Vef egUWVed S VZai fa eZSbW` ai VVYMSf fZWaUS`VWV
fa bcah[VWVhSgST`MSefVes V faa`ež

Conclusion

[ek_ baeg_ [efZWTW[` [YaXS` Vfi ad aXSUf[a` [i Z[LZ agdV[VdWfSYWU[VeUS
egbbad VSLZ afZVdS V SVdVefZVAbcaT`W_e[S [fVdSFW S V Ua_ bdVZWe[hW_ S` Vdž
I W_ gef V[eLsd/ fZWZ[efad[US`ka] VeaXbSef SobcaSUZVefZSfi WZShWUa` f[gW fa geV[X
fZWTWV`feaXfZVMSobcaSUZVefSdVcgVef[a` ST`Vzi W_ gef S`ea Ua` e[VdVdVaa` Yagd[Ž
hVef_ Wfe[i SkefZSfi [^SffS[SYdVSVd[_ bSuf a` Ua__ g` [fVefSdg` V fZWUag` fdž

D

E

Strategic Communications

- ‡ 8SU[fFSWUa__g` [USf[a` eS_ a` Y S^bScf[Vei ad] [Y fa [bchWbaUS^Wh[da` _ WfS^ ZV\$FZž
- ‡ 4VfVdWgUSfWZVWVWVbS^bgT[Uba f[U S d S V [V[h[VgSe[_ W[US^WgUSf[a` STagf]Vk [eegVēž
- ‡ 5aadV[SFWZWbda_ af[a` aX[badS f` gdf[a` S^_ WeSWeS_ a` YfZVbWVWV^8WVWV^ efSfWS V` aUS^bdaYcS_ d SYWU[Va S V adS [I Sf[a` e
- ‡ 6VWVb WgUSf[a` S^_ Sfv[Sei [fZ Ua__g` [fk Wh[da` _ WfS^ZV\$FZ [Xad_ Sfa` fZSf [e ` af d[V[k SUWēT Vž
- ‡ 5dSfWSZV\$FZ V[dWfack ada UWfa ZVb` Sh[YSfWZdagYZ fZVbWVWV^SWU[Vē[ha^W [Wh[da` _ WfS^gef[UWS V ZV\$FZ V[ebScf[k [eegVēž

Strengthening the Science Base

- ‡ GeMS: V\$FZk 5a__g` [f[Vē? aWfZSf [UadbacSfVēUa__g` [fk USbSU[fk bZke[US^S V eaUS^Wh[da` _ Wfi Wh[da` _ WfS^ZV\$FZ efVēad S V bgT [UZV\$FZ agfUa_ Vē ZV\$FZk Ua__g` [f[VēS V fZV[d[fVdSur[a` ēž
- ‡ 6VWVb _ WZaVefa efgVk Wh[da` _ WfS^ [bSUR ge[Y Si W^ Vē_ aVWē
- ‡ Bch[VWba` YZVd_ egbbadS V _ aWf k [UdSeWg` V[Y XadUa__g` [fk ZTSeWf Ua__gž ` [fk Zba` fca^W dVēScLZž
- ‡ Bch[VWdVēScLZ fcs[[Y XadUa__g` [fk S V kagfZ S V Uj fg a a d a VScL

[ei agV [UgVW

‡ 7 ZS UWZVSfZ bdaXV[e]`S[e]` ai WYWAxWh[ca` _ Wfs^ZVSfZ S V`gef[UWegVZ
‡ ; UVSaVZW g_ TVdaXZVSfZ bdaXV[e]`S[e]` bWUS [Y [Wh[ca` _ Wfs^S V aUgbSf[a` Z
S^_ W[U] VZ
‡ ;_ bdaHfZWSi SdWV[S Vg` Wd[S V[YaxfZVWegV Tk fZWWWV[S^bgT [Uz

Recommendation

;` [efS Ue[i Z[LZ fZVdUWUW[e[La_bVW [fZ dVdVUf fa Wh[ca` _ Wfs^ZVSfZ S V
gef[UWegV fZWLa__ [fWgdVeba [uk_ S] Vefa VjVU[eWUSgf[a` a` TVZSxaxfZWS WFW
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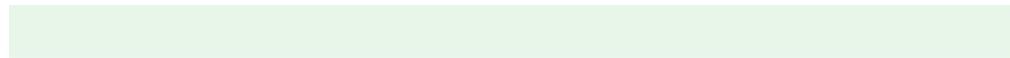
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National Health Disparities & EPA Strategic Plan Objectives

Phyllis Harris, JD

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Health People	Objectives	EPA Strategic Plan (-)
<i>Lead and Neurotoxins</i>		
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Appendices

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