Communication Technology and STD/HIV Prevention

Mary McFarlane, PhD Rachel Kachur, MPH, CHES BIRB

Programmatic Efforts

- Many program areas trying different things with varying degrees of "success":
 - Partner notification via email or chat
 - Chat room outreach
 - Banners and mass marketing
 - Cell phones
 - Health department web sites
 - Online test slips
 - Online results
 - Online EPT
 - Chlamydia self-test kits ordered online
 - Behavioral intervention

Communication Technology and STD Prevention

- The Center of Excellence
 - Combination of experts in:
 - Web design and management
 - STD clinical practice, epidemiology and surveillance
 - STD laboratory
 - Behavioral interventions
 - Program, training, evaluation
 - Cell phones and text messaging

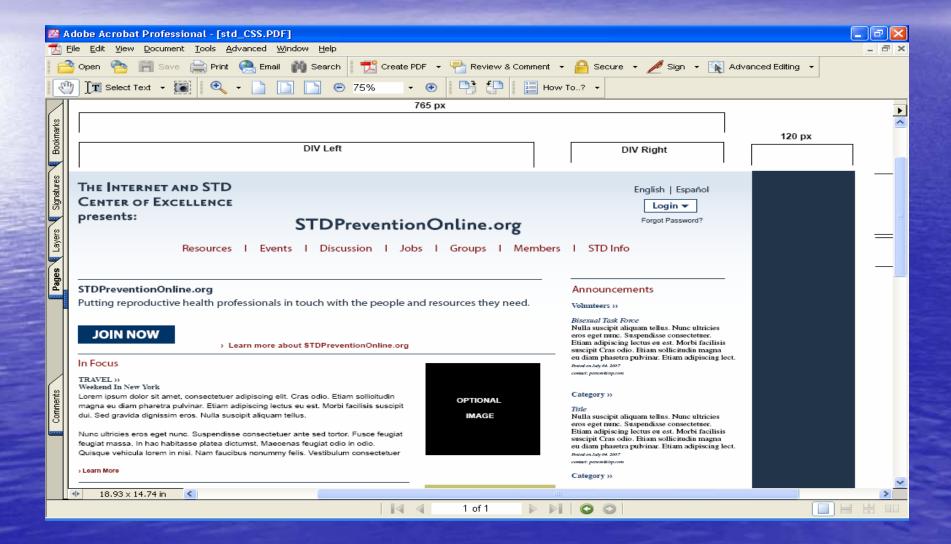
Projects for the Center of Excellence

- Evaluate uptake of internet guidance
- Develop new products for STD programs
 - Cell phone reminders
 - Text messaging services
 - Online test results
- Evaluate inSPOT implementation in new areas
- Home testing
- Package and disseminate evaluated products

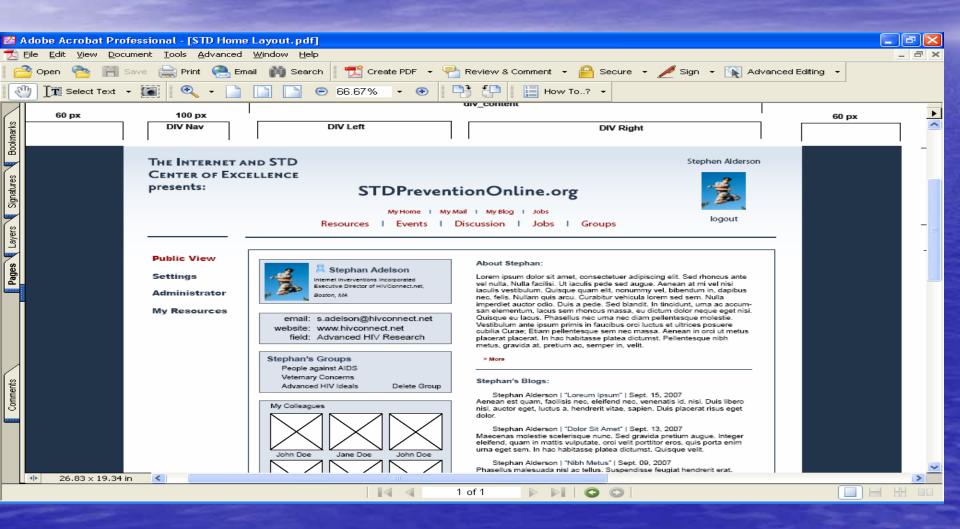
Evaluation methods

- Use program areas with computerized patient records
- Adjust intake surveys to reflect new products to be implemented in clinics
- Acquire baseline data prior to implementation
- Assess changes in service utilization or other related variables

Disseminating products and information



A network for STD/HIV prevention



News, events, and information



Internet and STD Center of Excellence (ISCOE)

Kees Rietmeijer, MD, PhD Principal Investigator

> Round Table Presentation HIV Prevention Conference December 3, 2007

ISCOE - Goals

- Identification of promising online STI/HIV prevention interventions (at client level) and resources (at provider level)
- Adaptation and evaluation of these interventions for use in program/clinic (rather than research) settings
- Development of online and offline tools to assist with adoption of these interventions at the program level

ISCOE - Setting

- Center is located at Denver Public Health Department with support from CDC
 - Strong background in in STD/HIV-related
 Internet research
 - Close proximity of the Denver Metro Health
 Clinic, the largest STD clinic in the region –
 allowing for evaluations at the level of,
 relatively easily accessible at-risk populations

ISCOE – Advisory Group

- Sheana Bull University of Colorao
- Jeff Klausner San Francisco Dept of Health
- Charlotte Gaydos Johns Hopkins University
- Deb Levine ISIS
- Mary McFarlane CDC
- Rachel Kachur CDC
- Mike Ross University of Texas
- Eric Benotsch University of Colorado
- Stephan Adelson Adelson Consultants
- Don Clark National Coalition of STD Directors
- Dan Wohlfeiler Calfornia Department of Health

ISCOE - Team

- Doug Richardson
- Terri Sapp-Jones
- Ben Westergaard
- Kees Rietmeijer

ISCOE Activities for Online Interventions at Client Level

- Data collection for assessment and evaluation:
 - DMHC "roving" survey
 - Topics: Internet access & dating, Cell phones & text messaging, use of Internet for dating, STD/HIV information, partner notification, online testing
 - Linked to electronic medical record system
 - Demographics
 - Risk factors
 - Diagnosis and treatment data
 - Client focus groups

Project: Text Messaging "Can You Hear Me Now?"

Purpose

- To determine if health messages delivered using mobile phone text messages would be acceptable and feasible to improve return rates among STD clinic patients:
 - Within 2 weeks after a positive STD diagnosis
 - For re-screening 3 months after treatment for gonorrhea or chlamydia

Cell Phone & Text Messaging Use Among STD Clinic Patients Clinic Survey Results

Do you use a cell phone? 84.7%

Do you use text messaging on your 90.2% cell phone?

Is it OK to contact you via text message? 93.5%

Focus groups findings

- The message must look professional No emoticons, no abbreviations
- Keep it discrete
 No clinic identifiers
- "Please call Denver Health for an important health message"
- Enthusiastic about text messaging

Text Messaging Results of Survey and Focus Groups

- Large majority has mobile phones with text messaging capabilities
- Majority of those would accept text messaging for these purposes
- However, concern about the content of the message: should be neutral as to not compromise confidentiality

Text Messaging Project Status

- Project went live in October
 - Patients give specific consent
 - Reports of qualifying patients automatically generated on daily basis
 - Text messages sent to patients with gonorrhea and/or chlamydia who did not call for results > 1 week
 - Text messages to encourage re-screening will start in January

Project: Providing STD Test Results Online

- San Francisco STD Clinic: proof of concept:
 - Substantially improved number of patients receiving test results
 - Substantially decreased amount of staff time to give in-person or telephone results
 - However, SF clinic has larger proportion of MSM than other STD clinics -> generalizability?

Providing STD Test Results Online Project Description

Objective:

- To develop a "generic" results engine that could work across different platforms
 - If proven effective could be disseminated across different clinics with (hopefully) minimal adaptations
- To evaluate the use in the Denver STD clinic environment
 - How many patients request online access by submitting password information?
 - How many patients access results online?
 - Of these, how many return to the clinic for treatment (if needed)?
 - What, if any, impact on clinic staff?

Providing STD Results Online Project Status

- Results engine is built
- Go-live date: before the end of the year
- Another project within Denver Public
 Health interested in using the engine to
 provide HIV viral load and CD4 count
 results for an online intervention with HIV+
 individuals → will test usefulness of the
 engine in a different environment



Other Projects at Client Level

STD clinic-level evaluation of InSpot

Colorado (SPOT



TELL THEM | GET CHECKED | STD INFO | RESOURCES | TESTING

ABOUT THIS SITE

CONTACT US

In Colorado, there's an easy way to tell your sex partners you have a sexually transmitted disease (STD). Send them a free inSPOT e-card, ANONYMOUSLY or from your email address, right here.

No information will be reported to any government or private agency. Please respect the community and don't use these cards to spam.

More About This Site-> Community Guidelines->



Tell your hookups, ex's, boyfriends, girlfriends, and partners they may have been exposed to an STD.

TELL THEM





If you've received an InSpot card, find out where to get screened and if necessary, treated, for an STD.

GET CHECKED



This site was created by I.S.I.S., Inc., a non-profit group, with funding from the Colorado Department of Public Health and Environment. Design by Primatial

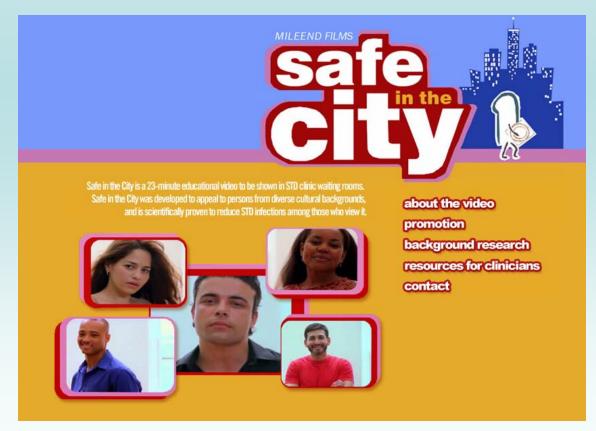
Other Projects at Client Level

 Evaluation of Iwantthekit.org; an online free STI testing program



Projects at Provider Level

 Web-based support for the Safe City waiting room video intervention:



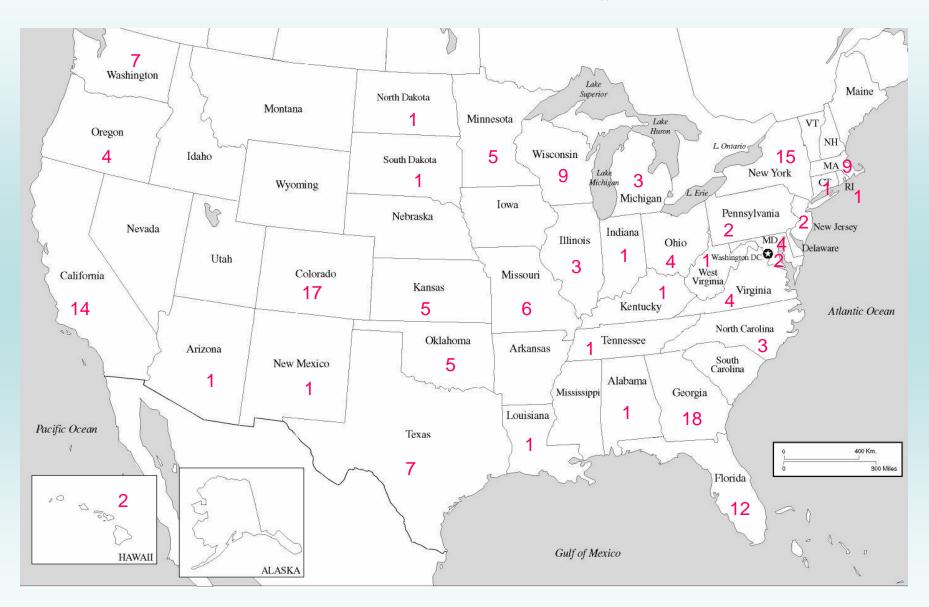
Projects at Provider Level

 Development of an interactive work space for STD/HIV prevention: www.STDPreventionOnline.Org

Site went live November 5, 2007

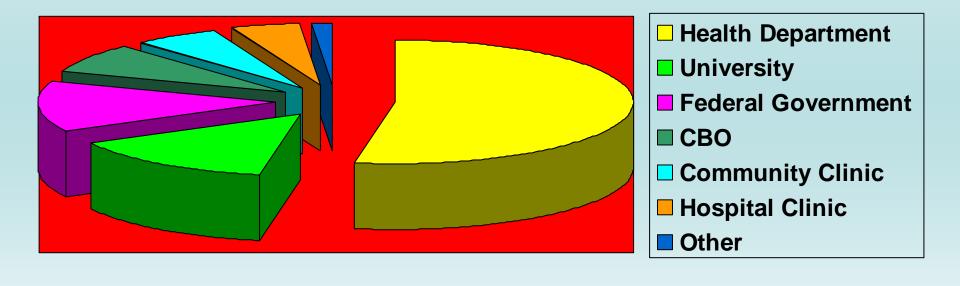


STDPreventionOnline – Members (per 11/29/2007)



U.S (233;37 states); Canada (2); Guyana (2); Australia (2); New Zealand (1); Namibia (1)

Membership by Employment N = 252



The Internet and STD Center of Excellence presents:

STDPreventionOnline.org

A website focused on putting reproductive health professionals in touch with the people and resources they need!

Goals

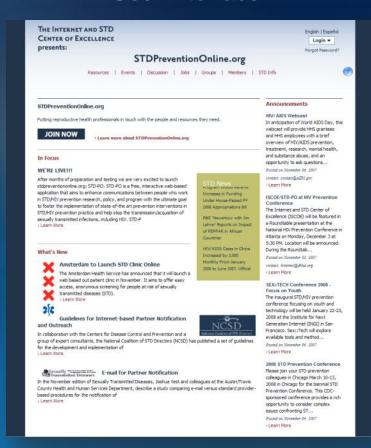
- Create a repository of STD related work that utilizes advanced technologies
- Provide a way for those in STD/HIV to share resources
- Use Web 2.0 type technology to create a social environment
- Provide a starting place for peer review/clearinghouse
- Create a site that requires little or no assistance from a development team (reduce costs, keep content current)

Two sites in one

Administration site



User interface



Administration site

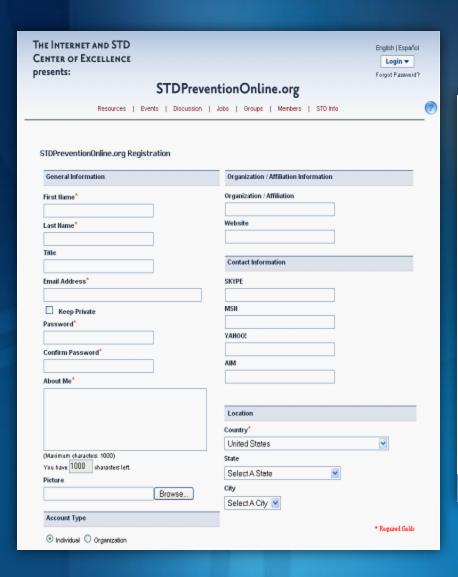
- Provide interface that will easily update content on the login page.
- Grant access to all user submitted information.
- Supply an effective tool for communication between the site administrator and users.
- Generate reports regarding activity (to be expanded in next update).
- Allow for quick access to add events, jobs, resources, and other site content.

Home page: using advanced technologies



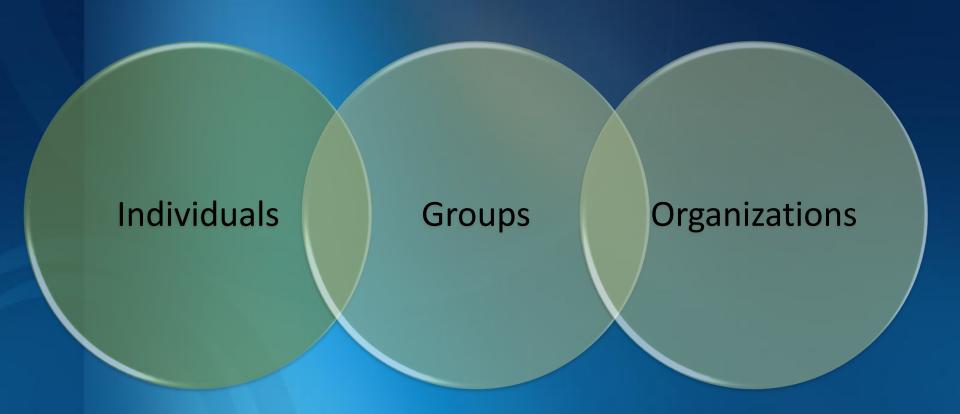


Registration: Simple one step process



Principal Employment Sett	ing		
Corrections	Federal Government	☐ Health Department	Indian Health Service
University	Hospital / Clinic	Military	Private Medical Practice
□сво	Community Clinic	Corporation / Industry	
Focus of Work			
Clinical	Administration	Research	Training / Teaching
Policy	Laboratory	Partner Services / DIS	Outreach
Health Education	Advocacy	Epi / Surveillance	Case Management
Health Communication	Student	Resident / Fellow	
Areas of Interest			
Syphilis	Gonorrhea	Chlartydia	Trichomoniasis
Mycoplasma	□HIV / AIDS	HSV / Genital Herpes	☐ HPV / Genital Worts
Viral Hepatitis	Genital Dermatology	Vaginitis / Vaginosis	PID
Diagnostics	☐ Therapeutics	☐ Epi / Surveillance	Policy / Law
Vaccines	Condoms	Microbicides	Circumcision
Health Economics	Health Disparities	Modeling	Women
Youth / Adolescents	■ MSM	Lesbian/Bisexual Women	☐ Transgendered
Drug Users	Sex Workers	Training	Program Improvement
Internet / New Media	Behavioral Interventions		
			Register

Types of Members



My Home

Stephan Adelson (Individual)



President Adelson Consulting Services Executive Director Internet Interventions Inc. Boston, Massachusetts



Contact Stephan

Email: sadelson@sadelson.com Website: http://www.hivconnect.net



Msn: sadelson@sadelson.com

Yahoo!: sadelson02

Aim: sadelson02

Send Mail

Stephan's Work

Principal Employment Setting: CBO

Focus of Work: Training / Teaching, Policy, Partner Services / DIS, Outreach, Health Education, Case Management, Health Communication

Area of Interest: Syphilis, Gonorrhea, Chlamydia, HIV / AIDS, Epi / Surveillance, Policy / Law, MSM, Behavioral Interventions, Training, Program Improvement, Internet / New Media



About Stephan:

I joined the sexual health community in 2002 through my work as General Manager of Manhunt. Since that time I have been very active working with the N.C.S.D. to draft national guidelines for Internet Interventions and consulting with states in the de

> More

Stephan's Blog:

NYC Syphilih Advisory Group: Using Technology for Syphilis Elimination, HIV Prevention

Stephan Adelson on November 08, 2007 at 11:27:56 AM



November 14th, The Downtown Conference Center at Pace University 8:30am Registration Ground floor, front entrance Continental

breakfast served in the ground floor lounge. 9:00am Introductions and Plenary Auditorium Join (View Full)

Latest Forum Postings

Latest Blogs Postings

STD Prevention on Campus

(on 2007-11-10, by Linda McKinzie-Daugherty)

What kind of information technology user are you?

(on 2007-11-08, by Rachel Kachur)

NYC Syphilih Advisory Group: Using Technology for Syphilis Elimination, HIV Prevention

(on 2007-11-08, by Stephan Adelson)

Preliminary Program announced for Sex::Tech

(on 2007-11-07, by Deb Levine)

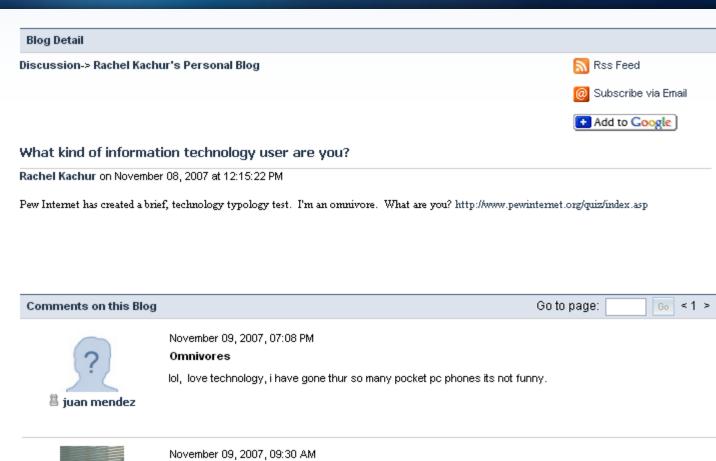
IPN Research

(on 2007-11-07, by David S. Novak)

WE'RE LIVE!!!

(on 2007-11-02, by Kees Rietmeijer)

Blog



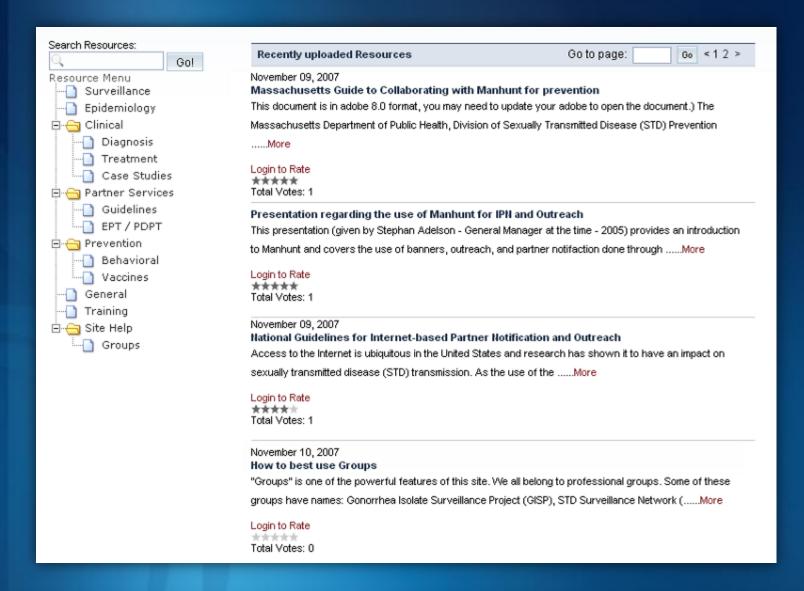


Doug Richardson

I'm omnivorous

Though some would say I'm too much so.

Resources: Sharing made simple



Resources: Details and Download

Resource Detail

Topic: Submitted By: Date Submitted:

Type:

Guidelines Stephan Adelson November 09, 2007 Download Subscribe to Topic Post a Comment Edit Resource Delete Resource

Title: Description:

Access to the Internet is ubiquitous in the United States and research has shown it to have an impact on sexually transmitted disease (STD) transmission. As the use of the Internet & other technologies continues to grow, many program areas turned to the National Coalition of STD Directors (NCSD) and the Centers for Disease Control & Prevention (CDC) for guidance on how to use the Internet as a tool for the control and prevention of STDs including HIV. Because of these requests for direction, an effort was initiated to bring together all those who are conducting STD prevention online to create guidance based on their successes and their mistakes. In acknowledging their collective knowledge and experience, the wheel was not reinvented but rather a document was created that will help other programs initiate and conduct successful Internet efforts and avoid common mistakes.

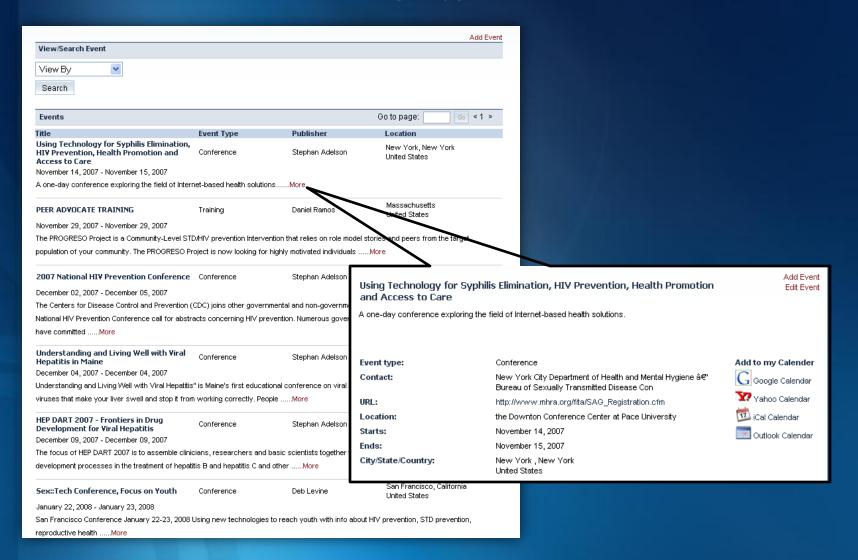
National Guidelines for Internet-based Partner Notification and Outreach

Rate this Resource:

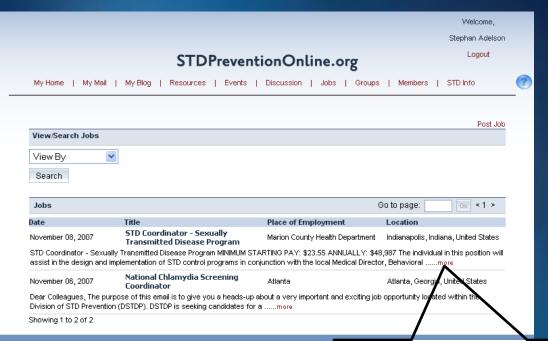
Total Votes:

(2)

Events



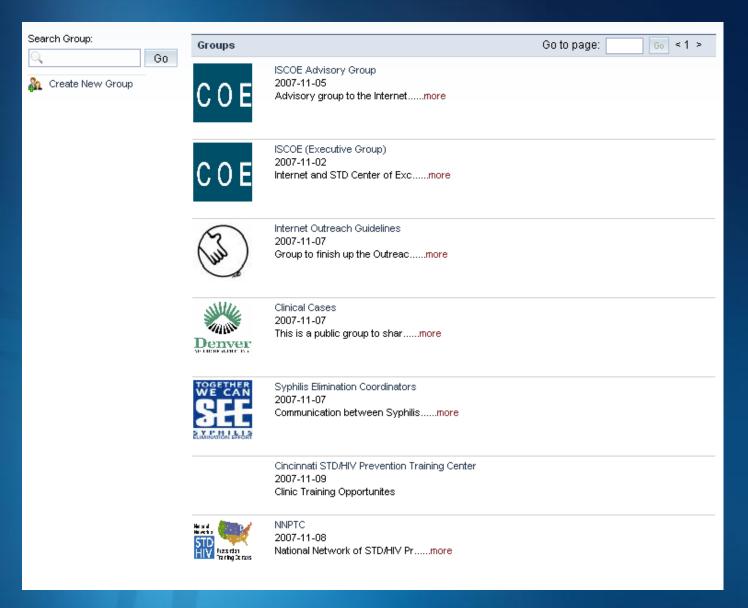
Jobs



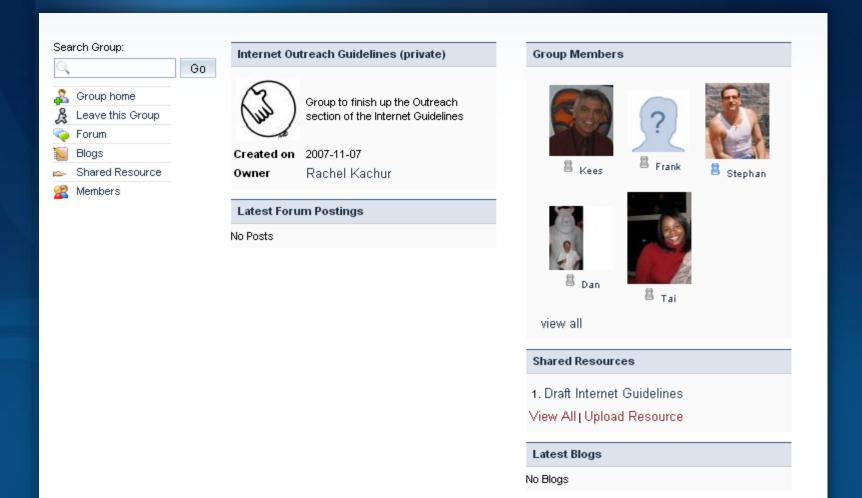
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National Chlamydia Screening Coordinator Description Dear Colleagues, The purpose of this email is to give you a heads-up about a very important and exciting job opportunity located within the Division of STD Prevention (DSTDP). DSTDP is seeking candidates for a National Chlamydia Screening Coordinator and advisor to the Division Director on infertility prevention policies and issues, and implementation of a national effort to increase chlamydia screening among at-risk populations in the U.S. This person will serve as the lead and focal point for national partnership activities related to chlamydia control within the Division, Center, Coordinating Center, CDC, DHHS, and externally with the state and local health departments, national organizations and leaders in private industry. A detailed description of the major duties and responsibilities of this position will be posted on http://www.cdc.gov/employment/findcareer.htm within the next week. The Announcement Numbers will be: HHS-CDC-T3-2008-0027 (Internal GS-602-15). HHS-CDC-T3-2008-0028 (Internal GS-601-15) HHS-CDC-D3-2008-0012 (External GS-601-15) The application will be due within 10 days of the posting. Please feel free to forward this information on to your colleagues who may be interested in applying for this position. Thank you, John Douglas, Jr., MD Director Division of STD Prevention Place of Employment Atlanta Location Atlanta, Georgia, United States Posting Date 2007-11-06 **Expiration Date** 2007-11-30 Posted By Contact http://www.cdc.gov/employment/findcareer.htm Apply for this Job

Groups



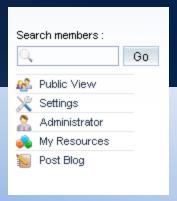
Sharing and collaborating as a Group



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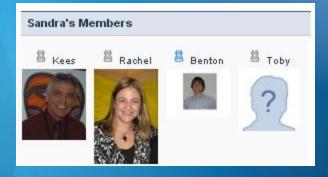
Organizations

Much like Individual pages



Allows an administrator to monitor the organization's members while on the site

Links all members on the group home page



Who is it for?

Beau Gratzer (Individual)



Director of HIV/STD Prevention Howard Brown Health Center

Stephanie Craig Rushing (Individual)



Director - Project Red Talon Northwest Portland Area Indian Health Board Portland , Oregon

Mary McFarlane (Individual)



Research Behavioral Scientist CDC Atlanta, Georgia

Download Curriculum Vitae

Charlotte Gaydos (Individual)



Associate Professor Johns Hopkins University Baltimore , Maryland

Download Curriculum Vitae

Katherine Hsu (Individual)



MD, MPH MDPH Boston, Massachusetts

Deborah Mayhew (Individual)



DIS Victoria, Texas



Anyone in STD/HIV that wants to share resources and learn from colleagues.

The Internet and STD Center of Excellence presents:

STDPreventionOnline.org

A website focused on putting reproductive health professionals in touch with the people and resources they need!

info@stdpreventiononline.org