

Community Outreach Trip with Nursing Students from the Medical University of South Carolina (MUSC)

MUSC Faculty Mentor

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Fieldtrip Description & Goals

14-day Trip



4-days in transit



5-days in Cancer
Center, SGCCRI

- Healthcare setting
- Home-palliative care
- Nursing school

5-days in rural Santhal
tribal village and welfare
home

- Community outreach and Cultural immersion
- Data collection
- Health Camp

5 memorable days at Mouldanga

Community Awareness & Cultural Exchange

Of Local School-Going Village Girls & the Santhal Girls of the Binapani Ashram Welfare and Educational Trust

Shannon Elam

BINAPANI WELFARE HOME AND SANTHAL VILLAGE

Mouldanga: Far from the madding crowd



Girls and the founder of the Binapani welfare home



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BINAPANI WELFARE HOME AND SANTHAL VILLAGE



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Community Health Teaching



COMMUNITY AWARENESS AND CULTURAL IMMERSION



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Special Moments



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The Impact

BINAPANI MEMORIAL ACADEMY

A Multipurpose English Medium School And Vocational Training Centre

Inaugurated by

Sri Chandranath Sinha, Honorable Minister In-charge of the Department of Fisheries,
Government of West Bengal on 17 January, 2015



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LESSONS LEARNED (ASHRAM)

"For me, the best part of the trip was getting to spend time with the girls at the ashram. Our time at the Ashram and in the surrounding villages emphasized how much a community's health outcome is determined by their environment."



Next 5 days



- 5-days in rural tribal village and welfare home
- Community outreach and Cultural immersion
 - Data collection
 - Health Camp

DATA COLLECTION: HOUSEHOLD RISK ASSESSMENT

Household Risk Questionnaire:

- Sick members
- ED Visits
- Where do they go when sick?
- Smoking
- Alcohol Consumption
- Use of mosquito net
- Eating and lifestyle



GIS Mapping of Resources in Rural Village

- Dr. Nichols and Dr. Qanungo are heading up a GIS research project which compares the resources between the areas of rural Johns Island, S.C. and rural Indian villages.
- We took photos and mapped resources like parks, trails, schools, healthcare facilities, schools, bodies of water and locations to buy food.



Meadows used as sports field
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Walking and bike trails



An Experience

- Eye-opening to see that how little resources they had, but how welcoming and friendly they were (almost no healthcare facility in the village)

“For myself as a future healthcare worker, I will always remember my experiences in India when I am caring for my own patients”



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Roadside fast food eat-out

LESSONS LEARNED (DATA COLLECTION)



“Loved going out to the village for data collection. Eye-opening to see how very little those people had but how welcoming and willing they were to share their resources with us.”

Next 5 days



Health Camp for Tribal Villagers

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Swati Patel

What We Assessed

- Risk for:
 - Obesity
 - HTN
 - Diabetes
 - UTI
 - Oral health
 - Cancer



HEALTH CAMP



Blood pressure to assess HTN risk



BMI



Blood glucose to assess Diabetes risk



Urinary tract infection (UTI) risk assessment

HEALTH CAMP



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On Site Medical Professionals



Nurse from Cancer Center



Local PC Physicians



Local Dentist



Oncologists from Cancer Center

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Local Pharmacist

Unique Cases

- **55 y/o Female**
 - BP: 200s/100s
 - BS: 374
 - Urine: Pos. Glucose
 - NO CLUE
- **HIV positive woman**
 - Aware of transmission





“Finally, it was time to say ‘Good-Bye’ and we came back with lots of messages of love to share and a life-long experience to cherish. As a faculty mentor, this has been by far the best mentoring experience I have ever had.”

LESSONS LEARNED



"The best part of this global health initiative was being able to immerse myself in the Indian culture not only for the once in a life time experience, but to get a genuine understanding of the Indian perspective as it relates to health and medicine. ."



“It was so refreshing to experience the Indian culture that is so focused on giving and caring for others. It is important for everyone, especially those in healthcare to participate in global health. It will better you as an individual and better the care that you provide to your patients.”

ACKNOWLEDGEMENT

SINCERE THANK YOU!

- SGCCRI Collaborators, Providers and Staff
- All Staff, trustees and children of the Binapani welfare home
- All local doctors, dentist, interpreters and friends in India who helped with the Health Camp
- Friends in US who have helped in the fundraising

MUSC CON FACULTY AND STAFF

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