

Stanford



Simon John Christoph Soerensen

Ph.D. Student in Epidemiology and Clinical Research, admitted Autumn 2021

Bio

EDUCATION AND CERTIFICATIONS

- Semester abroad, Charité – Universitätsmedizin Berlin (2019)
- Research Year, Stanford University (2020)
- Medical Doctor, Aarhus University (2021)

Research & Scholarship

CURRENT CLINICAL INTERESTS

- Prostate Cancer
- Kidney Cancer
- Kidney Stones
- Biopsy
- Urology
- Robotic Surgical Procedures

LAB AFFILIATIONS

- Benjamin Chung (7/1/2021)
- John Leppert (7/1/2020)
- Geoffrey Sonn (9/1/2019)
- Mirabela Rusu (9/1/2019)

Publications

PUBLICATIONS

- **Correlation of ⁶⁸Ga-RM2 PET with Post-Surgery Histopathology Findings in Patients with Newly Diagnosed Intermediate- or High-Risk Prostate Cancer.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*
Duan, H., Baratto, L., Fan, R. E., Soerensen, S. J., Liang, T., Chung, B. I., Thong, A. E., Gill, H., Kunder, C., Stoyanova, T., Rusu, M., Loening, A. M., Ghanouni, et al
2022
- **Dual X-ray Absorptiometry Screening for Men Receiving Androgen Deprivation Therapy-Hiding in Plain (Film) Sight.** *JAMA network open*
Kishan, A. U., Kamran, S. C., Soerensen, S. J., Leppert, J. T.
2022; 5 (4): e225439

- **Deep Learning Improves Speed and Accuracy of Prostate Gland Segmentations on Magnetic Resonance Imaging for Targeted Biopsy** *JOURNAL OF UROLOGY*
Soerensen, S., Fan, R. E., Seetharaman, A., Chen, L., Shao, W., Bhattacharya, I., Kim, Y., Sood, R., Borre, M., Chung, B., To'o, K. J., Rusu, M., Sonn, et al
2021; 206 (3): 605-612
- **Reply to the Editorial Comment on: Using an Automated Electronic Health Record Score To Estimate Life Expectancy In Men Diagnosed With Prostate Cancer In The Veterans Health Administration.** *Urology*. 2021. *Urology*
Soerensen, S. J., Thomas, I., Schmidt, B., Daskivich, T., Skolarus, T. A., Jackson, C., Osborne, T. F., Chertow, G. M., Brooks, J. D., Rehkopf, D., Leppert, J. T.
2021
- **Deep Learning Improves Speed and Accuracy of Prostate Gland Segmentations on MRI for Targeted Biopsy.** *The Journal of urology*
Soerensen, S. J., Fan, R. E., Seetharaman, A., Chen, L., Shao, W., Bhattacharya, I., Kim, Y., Sood, R., Borre, M., Chung, B. I., To'o, K. J., Rusu, M., Sonn, et al
2021: 101097JU00000000000001783
- **Removing Race from eGFR calculations: Implications for Urologic Care.** *Urology*
Wilson, F. L., Schmidt, B., White, L., Soerensen, S. J., Ganesan, C., Pao, A. C., Enemchukwu, E., Chertow, G. M., Leppert, J. T.
2021
- **Automated Detection of Aggressive and Indolent Prostate Cancer on Magnetic Resonance Imaging.** *Medical physics*
Seetharaman, A., Bhattacharya, I., Chen, L. C., Kunder, C. A., Shao, W., Soerensen, S. J., Wang, J. B., Teslovich, N. C., Fan, R. E., Ghanouni, P., Brooks, J. D., To'o, K. J., Sonn, et al
2021
- **Clinically significant prostate cancer detection on MRI with self-supervised learning using image context restoration**
Bolous, A., Seetharaman, A., Bhattacharya, I., Fan, R. E., Soerensen, S., Chen, L., Ghanouni, P., Sonn, G. A., Rusu, M., Mazurowski, M. A., Drukker, K.
SPIE-INT SOC OPTICAL ENGINEERING.2021
- **ProGNet: Prostate Gland Segmentation on MRI with Deep Learning**
Soerensen, S., Fan, R., Seetharaman, A., Chen, L., Shao, W., Bhattacharya, I., Borre, M., Chung, B., To'o, K., Sonn, G., Rusu, M., Isgum, Landman, B. A.
SPIE-INT SOC OPTICAL ENGINEERING.2021
- **3D Registration of pre-surgical prostate MRI and histopathology images via super-resolution volume reconstruction.** *Medical image analysis*
Sood, R. R., Shao, W. n., Kunder, C. n., Teslovich, N. C., Wang, J. B., Soerensen, S. J., Madhuripan, N. n., Jawahar, A. n., Brooks, J. D., Ghanouni, P. n., Fan, R. E., Sonn, G. A., Rusu, et al
2021; 69: 101957
- **AUTHOR REPLY.** *Urology*
Soerensen, S. J., Thomas, I. C., Schmidt, B., Daskivich, T. J., Skolarus, T. A., Jackson, C., Osborne, T. F., Chertow, G. M., Brooks, J. D., Rehkopf, D. H., Leppert, J. T.
2021; 155: 76
- **Registration of pre-surgical MRI and histopathology images from radical prostatectomy via RAPSODI.** *Medical physics*
Rusu, M., Shao, W., Kunder, C. A., Wang, J. B., Soerensen, S. J., Teslovich, N. C., Sood, R. R., Chen, L. C., Fan, R. E., Ghanouni, P., Brooks, J. D., Sonn, G. A.
2020
- **CorrSigNet: Learning CORRelated Prostate Cancer SIGNatures from Radiology and Pathology Images for Improved Computer Aided Diagnosis** *Medical Image Computing and Computer Assisted Intervention*
Bhattacharya, I., et al
2020
- **ProsRegNet: A deep learning framework for registration of MRI and histopathology images of the prostate.** *Medical image analysis*
Shao, W. n., Banh, L. n., Kunder, C. A., Fan, R. E., Soerensen, S. J., Wang, J. B., Teslovich, N. C., Madhuripan, N. n., Jawahar, A. n., Ghanouni, P. n., Brooks, J. D., Sonn, G. A., Rusu, et al
2020; 68: 101919
- **Risk of Depression after 5 Alpha Reductase Inhibitor Medication: Meta-Analysis.** *The world journal of men's health*
Kim, J. H., Shim, S. R., Khandwala, Y. n., Del Giudice, F. n., Sorensen, S. n., Chung, B. I.
2019