به نام مهرآفرین مهرگستر

نام و نام خانوادگی: صدیقه سینا	**متولد ۱۳٦۲**	**محل تولد: شهرستان فسا- استان فارس**
دکتری مهندسی هسته ای- پرتو پزشکی	**عضو هیات علمی دانشگاه شیراز**	**مرتبه علمی: استاد تمام**
تلفن ۰۷۱-۳۲۳۳٤۰۳۳	**تلفن همراه۰۹۱۷۲۲۲۸۳٤۹**	**samirasina@yahoo.com**
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آدرس: شیراز، خیابان ملاصدرا، دانشکده مهندسی مکانیک، مرکز تحقیقات تابش		

سوابق تحصیلی دانشگاهی

دکتری

رشته مهندسی هسته ای پرتو پزشکی دانشگاه شیراز

۱۳۸۶ تا ۱۳۹۱ **بهینه سازی طراحی درمان براکی تراپی درون حفره ای**

کارشناسی ارشد

رشته مهندسی هسته ای پرتو پزشکی دانشگاه شیراز

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کارشناسی

رشته فیزیک هسته ای دانشگاه شیراز

۱۳۸۰ تا ۱۳۸۴ **کاربرد روشهای هسته ای در بررسی نقاشی های قدیمی**

سوابق کار و سوابق اجرایی

- ✓ رئیس مرکز تحقیقات تابش دانشگاه شیراز- از سال ۱۳۹۷ تا کنون
- ✓ مسئول فیزیک بهداشت کل دانشگاه شیراز- از سال ۱۳۹۶ تا کنون
- ✓ عضو هیات علمی دانشگاه شیراز- از سال ۱۳۹۲ تا کنون

طرح های پژوهشی

عنوان	کارفرما
استفاده از روش ها و فناوری های جدید در تعیین علت فوت در پزشکی قانونی	سازمان پزشکی قانونی
بررسی محو شدگی چیپس های TLD - 100 در دستگاه MRدر حال تصویر نگاری و در غیر تصویرنگاری	دانشگاه علوم پزشکی شیراز
طرح بین المللی نوآوری در پردازش پرتویی مواد غذایی با پرتوهای کم انرژی از دستگاه های مولد اشعه	آژانس بین المللی انرژی اتمی (IAEA)
طرح بین المللی بررسی عملکرد تصویربرداری FDG PET/CT قبل از عمل در بیماران مبتلا به سرطان تخمدان	آژانس بین المللی انرژی اتمی (IAEA)
طرح بین المللی بهبود دزیمتری خارجی برای حیوانات و گیاهان زمینی	آژانس بین المللی انرژی اتمی (IAEA)
تعیین سطوح مرجع تشخیصی(DRL)ملی در فعالیت های رادیولوژی تشخیصی و مداخله ای	مرکز نظام ایمنی هسته ای کشور
طرح بین المللی پروژه IAEA (ZODIAC) تحلیل CT بیماران COVID-19	آژانس بین المللی انرژی اتمی (IAEA)

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